

Upper Mississippi River Master Plan Draft

Appendix D

State Listed Species & Other Species Lists

Upper Saint Anthony Falls, Lower Saint Anthony Falls and Pools 1 – 10

River Miles 854.0 – 614.0

Minnesota, Wisconsin and Iowa

LIST OF TABLES

Table 1. State listed species	Error! Bookmark not defined.
Table 2. Mammal species	7
Table 3. Bird Species	9
Table 4. Fish species	17
Table 5. Mussel species	20
Table 6. Amphibian and reptile species	22

Table 1. State-listed species from MN, WI, and IA within the Master Plan Project Area combined.

Species	Scientific Name	Group	Status
Big brown bat	<i>Eptesicus fuscus</i>	Mammal	SPC
Eastern spotted skunk	<i>Spilogale putorius</i>	Mammal	THR
Little brown myotis	<i>Myotis lucifugus</i>	Mammal	SPC
Northern long-eared bat	<i>Myotis septentrionalis</i>	Mammal	SPC
Plains pocket mouse	<i>Perognathus flavescens</i>	Mammal	SPC
Prairie vole	<i>Microtus ochrogaster</i>	Mammal	SPC
Tricolored bat	<i>Perimyotis subflavus</i>	Mammal	SPC
Western harvest mouse	<i>Reithrodontomys megalotis</i>	Mammal	SPC
Woodland vole	<i>Microtus pinetorum</i>	Mammal	SPC
Acadian flycatcher	<i>Empidonax virescens</i>	Bird	SPC
American bittern	<i>Botaurus lentiginosus</i>	Bird	Watchlist
Bald eagle	<i>Haliaeetus leucocephalus</i>	Bird	Watchlist
Bell's vireo	<i>Vireo bellii</i>	Bird	SPC
Cerulean warbler	<i>Setophaga cerulea</i>	Bird	SPC
Common gallinule	<i>Gallinula galeata</i>	Bird	SPC
Forster's tern	<i>Sterna forsteri</i>	Bird	SPC
Henslow's sparrow	<i>Ammodramus henslowii</i>	Bird	END
Hooded warbler	<i>Setophaga citrina</i>	Bird	SPC
King rail	<i>Rallus elegans</i>	Bird	END
Lark sparrow	<i>Chondestes grammacus</i>	Bird	SPC
Loggerhead shrike	<i>Lanius ludovicianus</i>	Bird	END
Louisiana waterthrush	<i>Parkesia motacilla</i>	Bird	SPC
Northern goshawk	<i>Accipiter gentilis</i>	Bird	SPC
Peregrine falcon	<i>Falco peregrinus</i>	Bird	SPC
Purple martin	<i>Progne subis</i>	Bird	SPC
Red-shouldered hawk	<i>Buteo lineatus</i>	Bird	SPC
Sandhill crane	<i>Antigone canadensis</i>	Bird	Watchlist
Trumpeter swan	<i>Cygnus buccinator</i>	Bird	SPC
Upland sandpiper	<i>Bartramia longicauda</i>	Bird	Watchlist
Blanding's turtle	<i>Emydoidea blandingii</i>	Reptile	THR
Eastern hognose snake	<i>Heterodon platirhinos</i>	Reptile	Watchlist
Gophersnake	<i>Pituophis catenifer</i>	Reptile	SPC
Milksnake	<i>Lampropeltis triangulum</i>	Reptile	Watchlist
North american racer	<i>Coluber constrictor</i>	Reptile	SPC
Plains hog-nosed snake	<i>Heterodon nasicus</i>	Reptile	SPC
Smooth softshell	<i>Apalone mutica</i>	Reptile	SPC
Timber rattlesnake	<i>Crotalus horridus</i>	Reptile	THR
Western foxsnake	<i>Pantherophis ramspotti</i>	Reptile	Watchlist
Western ratsnake	<i>Pantherophis obsoletus</i>	Reptile	THR
Blanchard's cricket frog	<i>Acris blanchardi</i>	Amphibian	END
Bullfrog	<i>Lithobates catesbeianus</i>	Amphibian	Watchlist
Mudpuppy	<i>Necturus maculosus</i>	Amphibian	SPC

Species	Scientific Name	Group	Status
Pickereel frog	<i>Lithobates palustris</i>	Amphibian	Watchlist
Wood turtle	<i>Glyptemys insculpta</i>	Amphibian	THR
American brook lamprey	<i>Lethenteron appendix</i>	Fish	Watchlist
American eel	<i>Anguilla rostrata</i>	Fish	SPC
Blackbuffalo	<i>Ictiobus niger</i>	Fish	THR
Blackredhorse	<i>Moxostoma duquesnei</i>	Fish	SPC
Blue sucker	<i>Cycleptus elongatus</i>	Fish	SPC
Bluntnose darter	<i>Etheostoma chlorosoma</i>	Fish	SPC
Crystal darter	<i>Crystallaria asprella</i>	Fish	END
Gilt darter	<i>Percina evides</i>	Fish	SPC
Lake sturgeon	<i>Acipenser fulvescens</i>	Fish	SPC
Least darter	<i>Etheostoma microperca</i>	Fish	SPC
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	Fish	SPC
Northern sunfish	<i>Lepomis peltastes</i>	Fish	SPC
Paddlefish	<i>Polyodon spathula</i>	Fish	THR
Pallid shiner	<i>Hybopsis amnis</i>	Fish	END
Pirate perch	<i>Aphredoderus sayanus</i>	Fish	SPC
Pugnose minnow	<i>Opsopoeodus emiliae</i>	Fish	Watchlist
Pugnose shiner	<i>Notropis anogenus</i>	Fish	THR
Shovelnose sturgeon	<i>Scaphirhynchus platyrhynchus</i>	Fish	Watchlist
Skipjack herring	<i>Alosa chrysochloris</i>	Fish	END
Suckermouth minnow	<i>Phenacobius mirabilis</i>	Fish	SPC
Warmouth	<i>Lepomis gulosus</i>	Fish	SPC
Yellow Bass	<i>Morone mississippiensis</i>	Fish	SPC
Blacksandshell	<i>Ligumia recta</i>	Mussel	SPC
Butterfly	<i>Ellipsaria lineolata</i>	Mussel	THR
Ebonyshell	<i>Fusconaia ebena</i>	Mussel	END
Elephant-ear	<i>Elliptio crassidens</i>	Mussel	END
Elktoe	<i>Alasmidonta marginata</i>	Mussel	THR
Ellipse	<i>Venustaconcha ellipsiformis</i>	Mussel	THR
Fawnsfoot	<i>Truncilla donaciformis</i>	Mussel	THR
Flat floater	<i>Anodonta suborbiculata</i>	Mussel	SPC
Fluted-shell	<i>Lasmigona costata</i>	Mussel	THR
Hickorynut	<i>Obovaria olivaria</i>	Mussel	Watchlist
Higgins eye	<i>Lampsilis higginsii</i>	Mussel	END
Monkeyface	<i>Quadrula metanevra</i>	Mussel	THR
Mucket	<i>Actinonaias ligamentina</i>	Mussel	THR
Pistolgrip	<i>Tritogonia verrucosa</i>	Mussel	END
Purple wartyback	<i>Cyclonaias tuberculata</i>	Mussel	END
Rock pocketbook	<i>Arcidens confragosus</i>	Mussel	END
Round pigtoe	<i>Pleurobema sintoxia</i>	Mussel	SPC
Salamander mussel	<i>Simpsonaias ambigua</i>	Mussel	END
Scaleshell	<i>Leptodea leptodon</i>	Mussel	Watchlist
Sheepnose	<i>Plethobasus cyphus</i>	Mussel	END

Species	Scientific Name	Group	Status
Snuffbox	<i>Epioblasma triquetra</i>	Mussel	END
Spectaclecase	<i>Cumberlandia monodonta</i>	Mussel	END
Spike	<i>Elliptio dilatata</i>	Mussel	THR
Wartyback	<i>Quadrula nodulata</i>	Mussel	THR
Washboard	<i>Megaloniaias nervosa</i>	Mussel	END
Winged mapleleaf	<i>Quadrula fragosa</i>	Mussel	END
Yellow sandshell	<i>Lampsilis teres</i>	Mussel	END
Rogers snaggletooth snail	<i>Gastrocopta rogersensis</i>	Snail	SPC
Red-tailed prairie leafhopper	<i>Aflexia rubranura</i>	Insect	SPC
A Caddisfly	<i>Ironoquia punctatissima</i>	Insect	THR
A Caddisfly	<i>Limnephilus rossi</i>	Insect	THR
A Caddisfly	<i>Limnephilus secludens</i>	Insect	END
A Caddisfly	<i>Protophila erotica</i>	Insect	SPC
A jumping spider	<i>Habronattus viridipes</i>	Insect	SPC
A jumping spider	<i>Marpissa grata</i>	Insect	Watchlist
A jumping spider	<i>Paradamoetas fontanus</i>	Insect	SPC
A jumping spider	<i>Pelegrina arizonensis</i>	Insect	SPC
A jumping spider	<i>Phidippus apacheanus</i>	Insect	SPC
A jumping spider	<i>Sassacus papenhoei</i>	Insect	SPC
A purse casemaker caddisfly	<i>Ochrotrichia spinosa</i>	Insect	END
Abbreviated underwing	<i>Catocala abbreviatella</i>	Insect	SPC
American burying beetle	<i>Nicrophorus americanus</i>	Insect	Watchlist
Ghost tiger beetle	<i>Cicindela lepida</i>	Insect	THR
Leadplant flower moth	<i>Schinia lucens</i>	Insect	SPC
Leonard's skipper	<i>Hesperia leonardus</i>	Insect	SPC
Ottoe skipper	<i>Hesperia ottoe</i>	Insect	END
Persius dusky wing	<i>Erynnis persius persius</i>	Insect	END
Regal fritillary	<i>Speyeria idalia</i>	Insect	SPC
Rusty-patched bumble bee	<i>Bombus affinis</i>	Insect	Watchlist
Sandy stream tiger beetle	<i>Cicindela macra macra</i>	Insect	SPC
Splendid tiger beetle	<i>Cicindela splendida cyanocephalata</i>	Insect	SPC
-	<i>Rorippa sinuata</i>	Vascular Plant	Watchlist
American ginseng	<i>Panax quinquefolius</i>	Vascular Plant	SPC
Autumn fimbry	<i>Fimbristylis autumnalis</i>	Vascular Plant	SPC
Beach heather	<i>Hudsonia tomentosa</i>	Vascular Plant	THR
Beaked snakeroot	<i>Sanicula trifoliata</i>	Vascular Plant	SPC
Beaked spikerush	<i>Eleocharis rostellata</i>	Vascular Plant	THR
Beard-tongue	<i>Penstemon digitalis</i>	Vascular Plant	Watchlist
Biennial gaura	<i>Gaura biennis</i>	Vascular Plant	Watchlist
Black huckleberry	<i>Gaylussacia baccata</i>	Vascular Plant	THR
Bladderpod	<i>Physaria ludoviciana</i>	Vascular Plant	END
Bluntlobe cliff	<i>Woodsia obtusa</i>	Vascular Plant	Watchlist
Blunt-lobed grapefern	<i>Botrychium oneidense</i>	Vascular Plant	THR
Broad Beech fern	<i>Phegopteris hexagonoptera</i>	Vascular Plant	END

Species	Scientific Name	Group	Status
Butternut	<i>Juglans cinerea</i>	Vascular Plant	END
Canada frostweed	<i>Crocانthemum canadense</i>	Vascular Plant	SPC
Catchfly grass	<i>Leersia lenticularis</i>	Vascular Plant	THR
Cattail sedge	<i>Carex typhina</i>	Vascular Plant	SPC
Christmas fern	<i>Polystichum acrostichoides</i>	Vascular Plant	END
Clasping milkweed	<i>Asclepias amplexicaulis</i>	Vascular Plant	THR
Clinton's bulrush	<i>Trichophorum clintonii</i>	Vascular Plant	THR
Clustered broomrape	<i>Orobanche fasciculata</i>	Vascular Plant	THR
Cowbane	<i>Oxypolis rigidior</i>	Vascular Plant	Watchlist
Creeping juniper	<i>Juniperus horizontalis</i>	Vascular Plant	SPC
Cross-leaved milkwort	<i>Polygala cruciata</i>	Vascular Plant	END
Davis' sedge	<i>Carex davisii</i>	Vascular Plant	THR
Devil's tongue	<i>Opuntia macrorhiza</i>	Vascular Plant	SPC
Discoid beggarticks	<i>Bidens discoidea</i>	Vascular Plant	SPC
Diverse-leaved pondweed	<i>Potamogeton diversifolius</i>	Vascular Plant	END
Dwarf trout lily	<i>Erythronium propullans</i>	Vascular Plant	END
Eared false foxglove	<i>Agalinis auriculata</i>	Vascular Plant	END
Ebony spleenwort	<i>Asplenium platyneuron</i>	Vascular Plant	SPC
Edible valerian	<i>Valeriana edulis var. ciliata</i>	Vascular Plant	THR
Fernleaf false foxglove	<i>Aureolaria pedicularia</i>	Vascular Plant	THR
Forked chickweed	<i>Paronychia fastigiata var. fastigiata</i>	Vascular Plant	END
Glade mallow	<i>Napaea dioica</i>	Vascular Plant	THR
Goat's rue	<i>Tephrosia virginiana</i>	Vascular Plant	SPC
Goldie's fern	<i>Dryopteris goldiana</i>	Vascular Plant	SPC
Gray's sedge	<i>Carex grayi</i>	Vascular Plant	SPC
Great indian plantain	<i>Arnoglossum reniforme</i>	Vascular Plant	THR
Green dragon	<i>Arisaema dracontium</i>	Vascular Plant	SPC
Hair-like beak rush	<i>Rhynchospora capillacea</i>	Vascular Plant	THR
Handsome sedge	<i>Carex formosa</i>	Vascular Plant	END
Hill's thistle	<i>Cirsium pumilum var. hillii</i>	Vascular Plant	SPC
Honeylocust	<i>Gleditsia triacanthos</i>	Vascular Plant	Watchlist
Hooded arrowhead	<i>Sagittaria calycina var. calycina</i>	Vascular Plant	THR
James' polanisia	<i>Polanisia jamesii</i>	Vascular Plant	END
Jewelled shooting star	<i>Dodecatheon amethystinum</i>	Vascular Plant	Watchlist
Kentucky coffee tree	<i>Gymnocladus dioica</i>	Vascular Plant	SPC
Kinnickinnick dewberry	<i>Rubus multiflorus</i>	Vascular Plant	SPC
Kitten-tails	<i>Besseyia bullii</i>	Vascular Plant	THR
Lance-leaf violet	<i>Viola lanceolata var. lanceolata</i>	Vascular Plant	THR
Late hawthorn	<i>Crataegus calpodendron</i>	Vascular Plant	SPC
Laurentian bladder fern	<i>Cystopteris laurentiana</i>	Vascular Plant	Watchlist
Licorice bedstraw	<i>Galium circaezans var. hypomalacum</i>	Vascular Plant	Watchlist
Long-bearded hawkweed	<i>Hieracium longipilum</i>	Vascular Plant	Watchlist
Louisiana Broomrape	<i>Orobanche ludoviciana var. ludoviciana</i>	Vascular Plant	THR
Marginal shield fern	<i>Dryopteris marginalis</i>	Vascular Plant	END

Species	Scientific Name	Group	Status
Marginated rush	<i>Juncus marginatus</i>	Vascular Plant	END
Mild water pepper	<i>Polygonum hydropiperoides</i>	Vascular Plant	Watchlist
Montia	<i>Montia chamissoi</i>	Vascular Plant	END
Muskingum sedge	<i>Carex muskingumensis</i>	Vascular Plant	SPC
Narrow-leaved pinweed	<i>Lechea tenuifolia var. tenuifolia</i>	Vascular Plant	END
Narrow-leaved spleenwort	<i>Diplazium pycnocarpon</i>	Vascular Plant	THR
Old field toadflax	<i>Nuttallanthus canadensis</i>	Vascular Plant	SPC
One-flowered broomrape	<i>Orobanche uniflora</i>	Vascular Plant	THR
Oregon woodsia	<i>Woodsia oregana ssp. cathcartiana</i>	Vascular Plant	SPC
Ovate-leaved skullcap	<i>Scutellaria ovata var. versicolor</i>	Vascular Plant	THR
Plains wild indigo	<i>Baptisia bracteata var. glabrescens</i>	Vascular Plant	SPC
Plantain-leaved sedge	<i>Carex plantaginea</i>	Vascular Plant	END
Prairie moonwort	<i>Botrychium campestre</i>	Vascular Plant	SPC
Purple ciff brake	<i>Pellaea atropurpurea</i>	Vascular Plant	SPC
Purple rocket	<i>Iodanthus pinnatifidus</i>	Vascular Plant	END
Purple sandgrass	<i>Triplasis purpurea var. purpurea</i>	Vascular Plant	SPC
Rattlebox	<i>Crotalaria sagittalis</i>	Vascular Plant	SPC
Raven's foot sedge	<i>Carex crus-corvi</i>	Vascular Plant	Watchlist
Red mulberry	<i>Morus rubra</i>	Vascular Plant	Watchlist
Reniform sullivantia	<i>Sullivantia sullivantii</i>	Vascular Plant	THR
Rhombic evening primrose	<i>Oenothera rhombipetala</i>	Vascular Plant	SPC
Rock fir moss	<i>Huperzia porophila</i>	Vascular Plant	THR
Rock sandwort	<i>Minuartia dawsonensis</i>	Vascular Plant	THR
Rough avens	<i>Geum laciniatum</i>	Vascular Plant	Watchlist
Rough-seeded fameflower	<i>Phemeranthus rugospermus</i>	Vascular Plant	THR
Round-stemmed false foxglove	<i>Agalinis gattingeri</i>	Vascular Plant	END
Seaside three-awn	<i>Aristida tuberculosa</i>	Vascular Plant	THR
Sessile-flowered yellow cress	<i>Rorippa sessiliflora</i>	Vascular Plant	SPC
Short-beaked arrowhead	<i>Sagittaria brevirostra</i>	Vascular Plant	END
Silverleaf grape	<i>Vitis aestivalis var. argentifolia</i>	Vascular Plant	THR
Silvery spleenwort	<i>Deparia acrostichoides</i>	Vascular Plant	SPC
Slashed evening primrose	<i>Oenothera laciniata</i>	Vascular Plant	Watchlist
Slender dayflower	<i>Commelina erecta</i>	Vascular Plant	END
Slender naiad	<i>Najas gracillima</i>	Vascular Plant	SPC
Small white lady's-slipper	<i>Cypripedium candidum</i>	Vascular Plant	SPC
Small-leaved pussytoes	<i>Antennaria parvifolia</i>	Vascular Plant	SPC
Smooth rock cress	<i>Boechera laevigata</i>	Vascular Plant	SPC
Snow trillium	<i>Trillium nivale</i>	Vascular Plant	SPC
Snowy campion	<i>Silene nivea</i>	Vascular Plant	THR
Squirrel corn	<i>Dicentra canadensis</i>	Vascular Plant	SPC
St. lawrence grapefern	<i>Botrychium rugulosum</i>	Vascular Plant	SPC
Sterile sedge	<i>Carex sterilis</i>	Vascular Plant	THR
Stream parsnip	<i>Berula erecta</i>	Vascular Plant	THR
Sullivant's milkweed	<i>Asclepias sullivantii</i>	Vascular Plant	THR

Species	Scientific Name	Group	Status
Swamp white oak	<i>Quercus bicolor</i>	Vascular Plant	SPC
Sweet-smelling indian plantain	<i>Hasteola suaveolens</i>	Vascular Plant	END
Tall nutrush	<i>Scleria triglomerata</i>	Vascular Plant	END
Tubercled rein orchid	<i>Platanthera flava</i> var. <i>herbiola</i>	Vascular Plant	THR
Tuberous indian-plantain	<i>Arnoglossum plantagineum</i>	Vascular Plant	THR
Twig rush	<i>Cladium mariscoides</i>	Vascular Plant	SPC
Twisted yellow-eyed grass	<i>Xyris torta</i>	Vascular Plant	END
Upland boneset	<i>Eupatorium sessilifolium</i>	Vascular Plant	THR
Venus' looking-glass	<i>Triodanis leptocarpa</i>	Vascular Plant	Watchlist
Virginia water horehound	<i>Lycopus virginicus</i>	Vascular Plant	Watchlist
Waterhyssop	<i>Bacopa rotundifolia</i>	Vascular Plant	THR
Water-willow	<i>Decodon verticillatus</i> var. <i>laevigatus</i>	Vascular Plant	SPC
Western prairie fringed orchid	<i>Platanthera praeclara</i>	Vascular Plant	END
White heath aster	<i>Symphotrichum pilosum</i>	Vascular Plant	SLL-Watch
Whorled nutrush	<i>Scleria verticillata</i>	Vascular Plant	THR
Wild petunia	<i>Ruellia humilis</i>	Vascular Plant	SPC
Wild sweetwilliam	<i>Phlox maculata</i>	Vascular Plant	SPC
Witch-hazel	<i>Hamamelis virginiana</i>	Vascular Plant	THR
Yellow pimpernel	<i>Taenidia integerrima</i>	Vascular Plant	SPC
Yellow-fruit sedge	<i>Carex annectens</i>	Vascular Plant	SPC
Bug-on-a-stick moss	<i>Buxbaumia aphylla</i>	Nonvascular Plant	SPC
Differential branched crease capsule moss	<i>Aulacomnium heterostichum</i>	Nonvascular Plant	SPC
Pygmy plume moss	<i>Cyrto-hypnum pygmaeum</i>	Nonvascular Plant	SPC
Sword moss	<i>Bryoxiphium norvegicum</i>	Nonvascular Plant	END
Tall extinguisher moss	<i>Encalypta procera</i>	Nonvascular Plant	SPC
A species of fungus	<i>Lysurus cruciatus</i>	Fungus	SPC
A species of fungus	<i>Psathyrella cystidiosa</i>	Fungus	END
A species of fungus	<i>Psathyrella rhodospora</i>	Fungus	END
Bloody beard lichen	<i>Usnea mutabilis</i>	Fungus	THR
Red beard lichen	<i>Usnea rubicunda</i>	Fungus	SPC

Table 2. Mammal species present within the MNRRA corridor, which represents the Project Area.

Common Name	Scientific Name	Occurrence
American badger	<i>Taxidea taxus</i>	Present
American beaver	<i>Castor canadensis</i>	Present
American black bear	<i>Ursus americanus</i>	Present
American mink	<i>Mustela vison</i>	Present
American red squirrel	<i>Tamiasciurus hudsonicus</i>	Present
American water shrew	<i>Sorex palustris</i>	Unconfirmed
Arctic shrew	<i>Sorex arcticus</i>	Unconfirmed
Big brown bat	<i>Eptesicus fuscus</i>	Present
Bobcat	<i>Lynx rufus</i>	Present
Brown rat	<i>Rattus norvegicus</i>	Present
Canada lynx	<i>Lynx canadensis</i>	Unconfirmed
Common shrew	<i>Sorex cinereus</i>	Present
Coyote	<i>Canis latrans</i>	Present
Deer mouse	<i>Peromyscus maniculatus</i>	Present
Eastern chipmunk	<i>Tamias striatus</i>	Present
Eastern cottontail	<i>Sylvilagus floridanus</i>	Present
Eastern gray squirrel	<i>Sciurus carolinensis</i>	Present
Eastern mole	<i>Scalopus aquaticus</i>	Present
Eastern red bat	<i>Lasiurus borealis</i>	Present
Eastern spotted skunk	<i>Spilogale putorius</i>	Historical
Fisher	<i>Martes pennanti</i>	Historical
Fox squirrel	<i>Sciurus niger</i>	Present
Franklin's ground squirrel	<i>Spermophilus franklinii</i>	Probably Present
Gray fox	<i>Urocyon cinereoargenteus</i>	Present
Groundhog	<i>Marmota monax</i>	Present
Hoary bat	<i>Lasiurus cinereus</i>	Present
House mouse	<i>Mus musculus</i>	Present
Least weasel	<i>Mustela nivalis</i>	Probably Present
Little brown bat	<i>Myotis lucifugus</i>	Present
Long-tailed Weasel	<i>Mustela frenata</i>	Present
Meadow jumping mouse	<i>Zapus hudsonius</i>	Historical
Meadow vole	<i>Microtus pennsylvanicus</i>	Present
Moose	<i>Alces alces</i>	Historical
Mountain lion	<i>Felis concolor</i>	Unconfirmed
Muskrat	<i>Ondatra zibethicus</i>	Present
North American least shrew	<i>Cryptotis parva</i>	Unconfirmed
North American porcupine	<i>Erethizon dorsatum</i>	Present
North American river otter	<i>Lontra canadensis</i>	Present
Northern flying squirrel	<i>Glaucomys sabrinus</i>	Unconfirmed
Northern long-eared bat	<i>Myotis septentrionalis</i>	Present
Northern short-tailed shrew	<i>Blarina brevicauda</i>	Present
Nutria	<i>Myocastor coypus</i>	Present

Common Name	Scientific Name	Occurrence
Plains pocket gopher	<i>Geomys bursarius</i>	Present
Plains pocket mouse	<i>Perognathus flavescens</i>	Present
Prairie vole	<i>Microtus ochrogaster</i>	Historical
Raccoon	<i>Procyon lotor</i>	Present
Red fox	<i>Vulpes vulpes</i>	Present
Silver-haired bat	<i>Lasionycteris noctivagans</i>	Present
Snowshoe hare	<i>Lepus americanus</i>	Present
Southern bog lemming	<i>Synaptomys cooperi</i>	Present
Southern flying squirrel	<i>Glaucomys volans</i>	Probably Present
Southern red-backed vole	<i>Clethrionomys gapperi</i>	Probably Present
Star-nosed mole	<i>Condylura cristata</i>	Present
Striped skunk	<i>Mephitis mephitis</i>	Present
Thirteen-lined ground squirrel	<i>Spermophilus tridecemlineatus</i>	Present
Tricolored bat	<i>Pipistrellus subflavus</i>	Present
Virginia opossum	<i>Didelphis virginiana</i>	Present
Western harvest mouse	<i>Reithrodontomys megalotis</i>	Present
White-footed mouse	<i>Peromyscus leucopus</i>	Present
White-tailed deer	<i>Odocoileus virginianus</i>	Present
White-tailed jackrabbit	<i>Lepus townsendii</i>	Present
Woodland jumping mouse	<i>Napaeozapus insignis</i>	Unconfirmed
Woodland vole	<i>Microtus pinetorum</i>	Present

Table 3. Bird species present within the MNRRA corridor, which represents the Project Area.

Common Names	Scientific Name	Family	Occurrence
American swallow-tailed kite	<i>Elanoides forficatus</i>	Accipitridae	Historical
Bald eagle	<i>Haliaeetus leucocephalus</i>	Accipitridae	Present
Broad-winged hawk	<i>Buteo platypterus</i>	Accipitridae	Present
Cooper's hawk	<i>Accipiter cooperii</i>	Accipitridae	Present
Ferruginous hawk	<i>Buteo regalis</i>	Accipitridae	Unconfirmed
Golden eagle	<i>Aquila chrysaetos</i>	Accipitridae	Present
Northern goshawk	<i>Accipiter gentilis</i>	Accipitridae	Present
Northern harrier	<i>Circus cyaneus</i>	Accipitridae	Present
Red-shouldered hawk	<i>Buteo lineatus</i>	Accipitridae	Present
Red-tailed hawk	<i>Buteo jamaicensis</i>	Accipitridae	Present
Rough-legged hawk	<i>Buteo lagopus</i>	Accipitridae	Present
Sharp-shinned hawk	<i>Accipiter striatus</i>	Accipitridae	Present
Swainson's hawk	<i>Buteo swainsoni</i>	Accipitridae	Present
Horned lark	<i>Eremophila alpestris</i>	Alaudidae	Present
Belted kingfisher	<i>Ceryle alcyon</i>	Alcedinidae	Present
American black duck	<i>Anas rubripes</i>	Anatidae	Present
American wigeon	<i>Anas americana</i>	Anatidae	Present
Barrow's goldeneye	<i>Bucephala islandica</i>	Anatidae	Present
Black scoter	<i>Melanitta nigra</i>	Anatidae	Present
Blue goose	<i>Chen caerulescens</i>	Anatidae	Present
Blue-winged teal	<i>Anas discors</i>	Anatidae	Present
Bufflehead	<i>Bucephala albeola</i>	Anatidae	Present
Canada goose	<i>Branta canadensis</i>	Anatidae	Present
Canvasback	<i>Aythya valisineria</i>	Anatidae	Present
Cinnamon teal	<i>Anas cyanoptera</i>	Anatidae	Present
Common goldeneye	<i>Bucephala clangula</i>	Anatidae	Present
Common merganser	<i>Mergus merganser</i>	Anatidae	Present
eurasian teal	<i>Anas crecca</i>	Anatidae	Present
Gadwall	<i>Anas strepera</i>	Anatidae	Present
Greater scaup	<i>Aythya marila</i>	Anatidae	Present
Greater white-fronted goose	<i>Anser albifrons</i>	Anatidae	Present
Hooded merganser	<i>Lophodytes cucullatus</i>	Anatidae	Present
Lesser scaup	<i>Aythya affinis</i>	Anatidae	Present
Long-tailed duck	<i>Clangula hyemalis</i>	Anatidae	Present
Mallard	<i>Anas platyrhynchos</i>	Anatidae	Present
Mute swan	<i>Cygnus olor</i>	Anatidae	Present
Northern pintail	<i>Anas acuta</i>	Anatidae	Present
Northern shoveler	<i>Anas clypeata</i>	Anatidae	Present
Red-breasted merganser	<i>Mergus serrator</i>	Anatidae	Present
Redhead	<i>Aythya americana</i>	Anatidae	Present
Ring-necked duck	<i>Aythya collaris</i>	Anatidae	Present
Ruddy duck	<i>Oxyura jamaicensis</i>	Anatidae	Present

Common Names	Scientific Name	Family	Occurrence
Surf scoter	<i>Melanitta perspicillata</i>	Anatidae	Present
Trumpeter swan	<i>Cygnus buccinator</i>	Anatidae	Present
Tundra swan	<i>Cygnus columbianus</i>	Anatidae	Present
Velvet scoter	<i>Melanitta fusca</i>	Anatidae	Present
Wood duck	<i>Aix sponsa</i>	Anatidae	Present
Chimney swift	<i>Chaetura pelagica</i>	Apodidae	Present
American bittern	<i>Botaurus lentiginosus</i>	Ardeidae	Present
Black-crowned night heron	<i>Nycticorax nycticorax</i>	Ardeidae	Present
Cattle egret	<i>Bubulcus ibis</i>	Ardeidae	Present
Great blue heron	<i>Ardea herodias</i>	Ardeidae	Present
Great egret	<i>Ardea alba</i>	Ardeidae	Present
Green heron	<i>Butorides virescens</i>	Ardeidae	Present
Least bittern	<i>Ixobrychus exilis</i>	Ardeidae	Present
Little blue heron	<i>Egretta caerulea</i>	Ardeidae	Unconfirmed
Striated heron	<i>Butorides striatus</i>	Ardeidae	Present
Yellow-crowned night heron	<i>Nyctanassa violacea</i>	Ardeidae	Present
Bohemian waxwing	<i>Bombycilla garrulus</i>	Bombycillidae	Present
Cedar waxwing	<i>Bombycilla cedrorum</i>	Bombycillidae	Present
Lapland longspur	<i>Calcarius lapponicus</i>	Calcariidae	Present
Snow bunting	<i>Plectrophenax nivalis</i>	Calcariidae	Present
Common nighthawk	<i>Chordeiles minor</i>	Caprimulgidae	Present
Whip-poor-will	<i>Caprimulgus vociferus</i>	Caprimulgidae	Present
Dickcissel	<i>Spiza americana</i>	Cardinalidae	Present
Indigo bunting	<i>Passerina cyanea</i>	Cardinalidae	Present
Northern cardinal	<i>Cardinalis cardinalis</i>	Cardinalidae	Present
Rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	Cardinalidae	Present
Scarlet tanager	<i>Piranga olivacea</i>	Cardinalidae	Present
Summer tanager	<i>Piranga rubra</i>	Cardinalidae	Probably Present
Western tanager	<i>Piranga ludoviciana</i>	Cardinalidae	Present
Turkey vulture	<i>Cathartes aura</i>	Cathartidae	Present
Brown creeper	<i>Certhia americana</i>	Certhiidae	Present
Eurasian treecreeper	<i>Certhia familiaris</i>	Certhiidae	Present
American golden plover	<i>Pluvialis dominica</i>	Charadriidae	Present
Grey plover	<i>Pluvialis squatarola</i>	Charadriidae	Present
Killdeer	<i>Charadrius vociferus</i>	Charadriidae	Present
Piping plover	<i>Charadrius melodus</i>	Charadriidae	Present
Semipalmated plover	<i>Charadrius semipalmatus</i>	Charadriidae	Present
Mourning dove	<i>Zenaida macroura</i>	Columbidae	Present
Passenger pigeon	<i>Ectopistes migratorius</i>	Columbidae	Historical
Rock pigeon	<i>Columba livia</i>	Columbidae	Present
American crow	<i>Corvus brachyrhynchos</i>	Corvidae	Present
Blue jay	<i>Cyanocitta cristata</i>	Corvidae	Present
Common raven	<i>Corvus corax</i>	Corvidae	Unconfirmed
Gray jay	<i>Perisoreus canadensis</i>	Corvidae	Present

Common Names	Scientific Name	Family	Occurrence
Black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>	Cuculidae	Present
Yellow-billed cuckoo	<i>Coccyzus americanus</i>	Cuculidae	Present
American tree sparrow	<i>Spizella arborea</i>	Emberizidae	Present
Chipping sparrow	<i>Spizella passerina</i>	Emberizidae	Present
Clay-colored sparrow	<i>Spizella pallida</i>	Emberizidae	Present
Dark-eyed junco	<i>Junco hyemalis</i>	Emberizidae	Present
Eastern towhee	<i>Pipilo erythrophthalmus</i>	Emberizidae	Present
Field sparrow	<i>Spizella pusilla</i>	Emberizidae	Present
Fox sparrow	<i>Passerella iliaca</i>	Emberizidae	Present
Grasshopper sparrow	<i>Ammodramus savannarum</i>	Emberizidae	Present
Harris' sparrow	<i>Zonotrichia querula</i>	Emberizidae	Present
Henslow's sparrow	<i>Ammodramus henslowii</i>	Emberizidae	Present
Lark sparrow	<i>Chondestes grammacus</i>	Emberizidae	Probably Present
Le Conte's sparrow	<i>Ammodramus leconteii</i>	Emberizidae	Present
Lincoln's sparrow	<i>Melospiza lincolni</i>	Emberizidae	Present
Nelson's sharp-tailed sparrow	<i>Ammodramus nelsoni</i>	Emberizidae	Present
Savannah sparrow	<i>Passerculus sandwichensis</i>	Emberizidae	Present
Song sparrow	<i>Melospiza melodia</i>	Emberizidae	Present
Swamp sparrow	<i>Melospiza georgiana</i>	Emberizidae	Present
Vesper sparrow	<i>Pooecetes gramineus</i>	Emberizidae	Present
White-crowned sparrow	<i>Zonotrichia leucophrys</i>	Emberizidae	Present
White-throated sparrow	<i>Zonotrichia albicollis</i>	Emberizidae	Present
American kestrel	<i>Falco sparverius</i>	Falconidae	Present
Gyr Falcon	<i>Falco rusticolus</i>	Falconidae	Unconfirmed
Merlin	<i>Falco columbarius</i>	Falconidae	Present
Peregrine falcon	<i>Falco peregrinus</i>	Falconidae	Present
American goldfinch	<i>Carduelis tristis</i>	Fringillidae	Present
Arctic redpoll	<i>Carduelis hornemanni</i>	Fringillidae	Present
Common redpoll	<i>Carduelis flammea</i>	Fringillidae	Present
Evening grosbeak	<i>Coccothraustes vespertinus</i>	Fringillidae	Present
House finch	<i>Carpodacus mexicanus</i>	Fringillidae	Present
Pine grosbeak	<i>Pinicola enucleator</i>	Fringillidae	Present
Pine siskin	<i>Carduelis pinus</i>	Fringillidae	Present
Purple finch	<i>Carpodacus purpureus</i>	Fringillidae	Present
Red crossbill	<i>Loxia curvirostra</i>	Fringillidae	Present
Two-barred Crossbill	<i>Loxia leucoptera</i>	Fringillidae	Present
Common loon	<i>Gavia immer</i>	Gaviidae	Present
Sandhill Crane	<i>Grus canadensis</i>	Gruidae	Present
Bank swallow	<i>Riparia riparia</i>	Hirundinidae	Present
Barn swallow	<i>Hirundo rustica</i>	Hirundinidae	Present
Cliff swallow	<i>Hirundo pyrrhonota</i>	Hirundinidae	Present
Northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	Hirundinidae	Present
Purple martin	<i>Progne subis</i>	Hirundinidae	Present
Tree Swallow	<i>Tachycineta bicolor</i>	Hirundinidae	Present

Common Names	Scientific Name	Family	Occurrence
Baltimore oriole	<i>Icterus galbula</i>	Icteridae	Present
Bobolink	<i>Dolichonyx oryzivorus</i>	Icteridae	Present
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	Icteridae	Present
Brown-headed cowbird	<i>Molothrus ater</i>	Icteridae	Present
Common grackle	<i>Quiscalus quiscula</i>	Icteridae	Present
Eastern meadowlark	<i>Sturnella magna</i>	Icteridae	Present
Orchard oriole	<i>Icterus spurius</i>	Icteridae	Present
Red-winged blackbird	<i>Agelaius phoeniceus</i>	Icteridae	Present
Rusty blackbird	<i>Euphagus carolinus</i>	Icteridae	Present
Western meadowlark	<i>Sturnella neglecta</i>	Icteridae	Present
Yellow-headed blackbird	<i>Xanthocephalus xanthocephalus</i>	Icteridae	Present
Great grey shrike	<i>Lanius excubitor</i>	Laniidae	Present
Loggerhead shrike	<i>Lanius ludovicianus</i>	Laniidae	Present
Black tern	<i>Chlidonias niger</i>	Laridae	Present
Bonaparte's gull	<i>Larus philadelphia</i>	Laridae	Present
Caspian tern	<i>Sterna caspia</i>	Laridae	Present
Common tern	<i>Sterna hirundo</i>	Laridae	Present
European herring gull	<i>Larus argentatus</i>	Laridae	Present
Forster's tern	<i>Sterna forsteri</i>	Laridae	Present
Franklin's gull	<i>Larus pipixcan</i>	Laridae	Present
Glaucous gull	<i>Larus hyperboreus</i>	Laridae	Probably Present
Great black-backed gull	<i>Larus marinus</i>	Laridae	Probably Present
Iceland gull	<i>Larus glaucoides</i>	Laridae	Probably Present
Ivory gull	<i>Larus eburnea</i>	Laridae	Present
Lesser black-backed gull	<i>Larus fuscus</i>	Laridae	Probably Present
Ring-billed gull	<i>Larus delawarensis</i>	Laridae	Present
Thayer's gull	<i>Larus thayeri</i>	Laridae	Probably Present
Brown thrasher	<i>Toxostoma rufum</i>	Mimidae	Present
Gray catbird	<i>Dumetella carolinensis</i>	Mimidae	Present
Northern mockingbird	<i>Mimus polyglottos</i>	Mimidae	Present
American pipit	<i>Anthus rubescens</i>	Motacillidae	Present
Northern bobwhite	<i>Colinus virginianus</i>	Odontophoridae	Historical
Osprey	<i>Pandion haliaetus</i>	Pandionidae	Present
black-capped chickadee	<i>Poecile atricapillus</i>	Paridae	Present
Boreal chickadee	<i>Parus hudsonicus</i>	Paridae	Present
Tufted titmouse	<i>Parus bicolor</i>	Paridae	Present
American redstart	<i>Setophaga ruticilla</i>	Parulidae	Present
American yellow warbler	<i>Dendroica petechia</i>	Parulidae	Present
Bay-breasted warbler	<i>Dendroica castanea</i>	Parulidae	Present
Black-and-white warbler	<i>Mniotilta varia</i>	Parulidae	Present
Blackburnian warbler	<i>Dendroica fusca</i>	Parulidae	Present
Blackpoll warbler	<i>Dendroica striata</i>	Parulidae	Present
Black-throated blue warbler	<i>Dendroica caerulescens</i>	Parulidae	Present
Black-throated green warbler	<i>Dendroica virens</i>	Parulidae	Present

Common Names	Scientific Name	Family	Occurrence
Blue-winged warbler	<i>Vermivora pinus</i>	Parulidae	Present
Canada warbler	<i>Wilsonia canadensis</i>	Parulidae	Present
Cape may warbler	<i>Dendroica tigrina</i>	Parulidae	Present
Cerulean warbler	<i>Dendroica cerulea</i>	Parulidae	Present
Chestnut-sided warbler	<i>Dendroica pensylvanica</i>	Parulidae	Present
Common yellowthroat	<i>Geothlypis trichas</i>	Parulidae	Present
Connecticut warbler	<i>Oporornis agilis</i>	Parulidae	Present
Golden-winged warbler	<i>Vermivora chrysoptera</i>	Parulidae	Present
Hooded warbler	<i>Wilsonia citrina</i>	Parulidae	Present
Kentucky warbler	<i>Oporornis formosus</i>	Parulidae	Present
Louisiana waterthrush	<i>Seiurus motacilla</i>	Parulidae	Present
Magnolia warbler	<i>Dendroica magnolia</i>	Parulidae	Present
Mourning warbler	<i>Oporornis philadelphia</i>	Parulidae	Present
Nashville warbler	<i>Vermivora ruficapilla</i>	Parulidae	Present
Northern parula	<i>Parula americana</i>	Parulidae	Present
Northern waterthrush	<i>Seiurus noveboracensis</i>	Parulidae	Present
Orange-crowned warbler	<i>Vermivora celata</i>	Parulidae	Present
Ovenbird	<i>Seiurus aurocapilla</i>	Parulidae	Present
Palm Warbler	<i>Dendroica palmarum</i>	Parulidae	Present
Pine warbler	<i>Dendroica pinus</i>	Parulidae	Present
Prothonotary warbler	<i>Protonotaria citrea</i>	Parulidae	Present
Tennessee warbler	<i>Vermivora peregrina</i>	Parulidae	Present
Wilson's warbler	<i>Wilsonia pusilla</i>	Parulidae	Present
Worm-eating warbler	<i>Helmitheros vermivorus</i>	Parulidae	Present
Yellow-breasted chat	<i>Icteria virens</i>	Parulidae	Present
Yellow-rumped warbler	<i>Dendroica coronata</i>	Parulidae	Present
Yellow-throated warbler	<i>Dendroica dominica</i>	Parulidae	Present
House sparrow	<i>Passer domesticus</i>	Passeridae	Present
American white pelican	<i>Pelecanus erythrorhynchos</i>	Pelecanidae	Present
Double-crested cormorant	<i>Phalacrocorax auritus</i>	Phalacrocoracidae	Present
Gray partridge	<i>Perdix perdix</i>	Phasianidae	Present
Greater prairie chicken	<i>Tympanuchus cupido</i>	Phasianidae	Historical
Ring-necked pheasant	<i>Phasianus colchicus</i>	Phasianidae	Present
Ruffed grouse	<i>Bonasa umbellus</i>	Phasianidae	Probably Present
sharp-tailed grouse	<i>Tympanuchus phasianellus</i>	Phasianidae	Historical
Wild turkey	<i>Meleagris gallopavo</i>	Phasianidae	Present
American three-toed woodpecker	<i>Picoides dorsalis</i>	Picidae	Unconfirmed
Downy woodpecker	<i>Picoides pubescens</i>	Picidae	Present
Eurasian three-toed woodpecker	<i>Picoides tridactylus</i>	Picidae	In Review
Hairy woodpecker	<i>Picoides villosus</i>	Picidae	Present
Northern flicker	<i>Colaptes auratus</i>	Picidae	Present
Pileated woodpecker	<i>Dryocopus pileatus</i>	Picidae	Present
Red-bellied woodpecker	<i>Melanerpes carolinus</i>	Picidae	Present
Red-headed woodpecker	<i>Melanerpes erythrocephalus</i>	Picidae	Present

Common Names	Scientific Name	Family	Occurrence
Yellow-bellied sapsucker	<i>Sphyrapicus varius</i>	Picidae	Present
Black-necked grebe	<i>Podiceps nigricollis</i>	Podicipedidae	Present
Clark's grebe	<i>Aechmophorus clarkii</i>	Podicipedidae	Present
Horned grebe	<i>Podiceps auritus</i>	Podicipedidae	Present
Red-throated grebe	<i>Podilymbus podiceps</i>	Podicipedidae	Present
Red-necked grebe	<i>Podiceps grisegena</i>	Podicipedidae	Present
Western grebe	<i>Aechmophorus occidentalis</i>	Podicipedidae	Present
Blue-gray gnatcatcher	<i>Polioptila caerulea</i>	Poliptilidae	Present
American coot	<i>Fulica americana</i>	Rallidae	Present
Common moorhen	<i>Gallinula chloropus</i>	Rallidae	Present
King rail	<i>Rallus elegans</i>	Rallidae	Present
Sora	<i>Porzana carolina</i>	Rallidae	Present
Virginia rail	<i>Rallus limicola</i>	Rallidae	Present
Yellow rail	<i>Coturnicops noveboracensis</i>	Rallidae	Present
American avocet	<i>Recurvirostra americana</i>	Recurvirostridae	Present
Golden-crowned kinglet	<i>Regulus satrapa</i>	Regulidae	Present
Ruby-crowned kinglet	<i>Regulus calendula</i>	Regulidae	Present
American woodcock	<i>Scolopax minor</i>	Scolopacidae	Present
Baird's sandpiper	<i>Calidris bairdii</i>	Scolopacidae	Present
Common snipe	<i>Gallinago gallinago</i>	Scolopacidae	In Review
Dunlin	<i>Calidris alpina</i>	Scolopacidae	Present
Greater yellowlegs	<i>Tringa melanoleuca</i>	Scolopacidae	Present
Hudsonian godwit	<i>Limosa haemastica</i>	Scolopacidae	Present
Least sandpiper	<i>Calidris minutilla</i>	Scolopacidae	Present
Lesser yellowlegs	<i>Tringa flavipes</i>	Scolopacidae	Present
Long-billed dowitcher	<i>Limnodromus scolopaceus</i>	Scolopacidae	Present
Marbled godwit	<i>Limosa fedoa</i>	Scolopacidae	Present
Pectoral sandpiper	<i>Calidris melanotos</i>	Scolopacidae	Present
Red knot	<i>Calidris canutus</i>	Scolopacidae	Present
Red-necked phalarope	<i>Phalaropus lobatus</i>	Scolopacidae	Historical
Ruddy turnstone	<i>Arenaria interpres</i>	Scolopacidae	Present
Sanderling	<i>Calidris alba</i>	Scolopacidae	Present
Semipalmated sandpiper	<i>Calidris pusilla</i>	Scolopacidae	Present
Short-billed dowitcher	<i>Limnodromus griseus</i>	Scolopacidae	Present
Solitary sandpiper	<i>Tringa solitaria</i>	Scolopacidae	Present
Spotted sandpiper	<i>Actitis macularia</i>	Scolopacidae	Present
Stilt sandpiper	<i>Calidris himantopus</i>	Scolopacidae	Present
Upland sandpiper	<i>Bartramia longicauda</i>	Scolopacidae	Present
Western sandpiper	<i>Calidris mauri</i>	Scolopacidae	Unconfirmed
White-rumped sandpiper	<i>Calidris fuscicollis</i>	Scolopacidae	Present
Willet	<i>Catoptrophorus semipalmatus</i>	Scolopacidae	Present
Wilson's phalarope	<i>Phalaropus tricolor</i>	Scolopacidae	Present
Wilson's snipe	<i>Capella gallinago</i>	Scolopacidae	In Review
Wilson's snipe	<i>Gallinago delicata</i>	Scolopacidae	Present

Common Names	Scientific Name	Family	Occurrence
Red-breasted nuthatch	<i>Sitta canadensis</i>	Sittidae	Present
White-breasted nuthatch	<i>Sitta carolinensis</i>	Sittidae	Present
Barred owl	<i>Strix varia</i>	Strigidae	Present
Boreal owl	<i>Aegolius funereus</i>	Strigidae	Unconfirmed
eastern screech-owl	<i>Megascops asio</i>	Strigidae	Present
Eastern screech-owl	<i>Otus asio</i>	Strigidae	In Review
Great gray owl	<i>Strix nebulosa</i>	Strigidae	Present
Great horned owl	<i>Bubo virginianus</i>	Strigidae	Present
Long-eared owl	<i>Asio otus</i>	Strigidae	Present
Northern hawk-owl	<i>Surnia ulula</i>	Strigidae	Unconfirmed
Northern saw-whet owl	<i>Aegolius acadicus</i>	Strigidae	Present
Short-eared owl	<i>Asio flammeus</i>	Strigidae	Present
snowy owl	<i>Bubo scandiaca</i>	Strigidae	Present
Snowy owl	<i>Nyctea scandiaca</i>	Strigidae	In Review
European Starling	<i>Sturnus vulgaris</i>	Sturnidae	Present
Ruby-throated hummingbird	<i>Archilochus colubris</i>	Trochilidae	Present
Bewick's wren	<i>Thryomanes bewickii</i>	Troglodytidae	Present
Carolina wren	<i>Thryothorus ludovicianus</i>	Troglodytidae	Present
House wren	<i>Troglodytes aedon</i>	Troglodytidae	Present
long-billed marsh wren	<i>Telmatodytes palustris</i>	Troglodytidae	Present
Marsh wren	<i>Cistothorus palustris</i>	Troglodytidae	Present
Sedge wren	<i>Cistothorus platensis</i>	Troglodytidae	Present
Winter wren	<i>Troglodytes troglodytes</i>	Troglodytidae	Present
American robin	<i>Turdus migratorius</i>	Turdidae	Present
Eastern bluebird	<i>Sialia sialis</i>	Turdidae	Present
Gray-cheeked thrush	<i>Catharus minimus</i>	Turdidae	Present
Hermit thrush	<i>Catharus guttatus</i>	Turdidae	Present
Swainson's thrush	<i>Catharus ustulatus</i>	Turdidae	Present
Townsend's solitaire	<i>Myadestes townsendi</i>	Turdidae	Present
Varied thrush	<i>Ixoreus naevius</i>	Turdidae	Unconfirmed
Veery	<i>Catharus fuscescens</i>	Turdidae	Present
Wood thrush	<i>Hylocichla mustelina</i>	Turdidae	Present
Acadian flycatcher	<i>Empidonax virescens</i>	Tyrannidae	Present
Alder flycatcher	<i>Empidonax alnorum</i>	Tyrannidae	Present
Eastern kingbird	<i>Tyrannus tyrannus</i>	Tyrannidae	Present
Eastern phoebe	<i>Sayornis phoebe</i>	Tyrannidae	Present
Eastern wood pewee	<i>Contopus virens</i>	Tyrannidae	Present
Great crested flycatcher	<i>Myiarchus crinitus</i>	Tyrannidae	Present
Least flycatcher	<i>Empidonax minimus</i>	Tyrannidae	Present
Olive-sided flycatcher	<i>Contopus borealis</i>	Tyrannidae	Present
Scissor-tailed flycatcher	<i>Tyrannus forficatus</i>	Tyrannidae	Present
Western kingbird	<i>Tyrannus verticalis</i>	Tyrannidae	Present
Willow flycatcher	<i>Empidonax traillii</i>	Tyrannidae	Present
Yellow-bellied flycatcher	<i>Empidonax flaviventris</i>	Tyrannidae	Present

Common Names	<i>Scientific Name</i>	Family	Occurrence
Barn owl	<i>Tyto alba</i>	Tytonidae	Historical
Bell's vireo	<i>Vireo bellii</i>	Vireonidae	Present
Blue-headed vireo	<i>Vireo solitarius</i>	Vireonidae	Present
Philadelphia vireo	<i>Vireo philadelphicus</i>	Vireonidae	Present
Red-eyed vireo	<i>Vireo olivaceus</i>	Vireonidae	Present
Warbling vireo	<i>Vireo gilvus</i>	Vireonidae	Present
Yellow-throated vireo	<i>Vireo flavifrons</i>	Vireonidae	Present

Table 4. Fish species within the Upper Mississippi River Project Area (Steuk et al., 2010)

Common Name	Scientific Name	Family	Status
Chestnut lamprey	<i>Ichthyomyzon castaneus</i>	Petromyzontidae	Native
Silver lamprey	<i>Ichthyomyzon unicuspis</i>	Petromyzontidae	Native
American brook lamprey	<i>Lampetra appendix</i>	Petromyzontidae	Native
Lake sturgeon	<i>Acipenser fulvescens</i>	Acipenseridae	Native
Shovelnose sturgeon	<i>Scaphirhynchus platyrhynchus</i>	Acipenseridae	Native
Paddlefish	<i>Polyodon spatula</i>	Polyodontidae	Native
Longnose gar	<i>Lepisosteus osseus</i>	Lepisosteidae	Native
Shortnose gar	<i>Lepisosteus platostomus</i>	Lepisosteidae	Native
Bowfin	<i>Amia calva</i>	Amiidae	Native
Goldeye	<i>Hiodon alosoides</i>	Hiodontidae	Native
Mooney	<i>Hiodon tergisus</i>	Hiodontidae	Native
American eel	<i>Anguilla rostrata</i>	Anguillidae	Native
Skipjack herring	<i>Alosa chrysochloris</i>	Clupeidae	Historic
Gizzard shad	<i>Dorosoma cepedianum</i>	Clupeidae	Native
Central stoneroller	<i>Campostoma anomalum</i>	Cyprinidae	Native
Goldfish	<i>Carassius auratus</i>	Cyprinidae	Invasive
Grass carp	<i>Ctenopharyngodon idella</i>	Cyprinidae	Invasive
Spotfin shiner	<i>Cyprinella spiloptera</i>	Cyprinidae	Native
Common carp	<i>Cyprinus carpio</i>	Cyprinidae	Invasive
Brassy minnow	<i>Hybognathus hankinsoni</i>	Cyprinidae	Native
Mississippi silvery minnow	<i>Hybognathus nuchalis</i>	Cyprinidae	Native
Pallid shiner	<i>Hybopsis amnis</i>	Cyprinidae	Native
Silver carp	<i>Hypophthalmichthys molitrix</i>	Cyprinidae	Invasive
Bighead carp	<i>Hypophthalmichthys nobilis</i>	Cyprinidae	Invasive
Common shiner	<i>Luxilus cornutus</i>	Cyprinidae	Native
Shoal chub	<i>Macrhybopsis hyostoma</i>	Cyprinidae	Native
Silver chub	<i>Macrhybopsis storeriana</i>	Cyprinidae	Native
Hornyhead chub	<i>Nocomis biguttatus</i>	Cyprinidae	Native
Golden shiner	<i>Notemigonus crysoleucas</i>	Cyprinidae	Native
Pugnose shiner	<i>Notropis anogenus</i>	Cyprinidae	Native
Emerald shiner	<i>Notropis atherinoides</i>	Cyprinidae	Native
River shiner	<i>Notropis blennioides</i>	Cyprinidae	Native
Ghost shiner	<i>Notropis buchanaui</i>	Cyprinidae	Historic
Bigmouth shiner	<i>Notropis dorsalis</i>	Cyprinidae	Native
Blackchin shiner	<i>Notropis heterodon</i>	Cyprinidae	Historic
Blacknose shiner	<i>Notropis heterolepis</i>	Cyprinidae	Historic
Spottail shiner	<i>Notropis hudsonius</i>	Cyprinidae	Native
Carmine shiner	<i>Notropis percobromus</i>	Cyprinidae	Historic
Sand shiner	<i>Notropis stramineus</i>	Cyprinidae	Native
Weed shiner	<i>Notropis texanus</i>	Cyprinidae	Native
Mimic shiner	<i>Notropis volucellus</i>	Cyprinidae	Native
Pugnose minnow	<i>Opsopoeodus emiliae</i>	Cyprinidae	Native

Common Name	Scientific Name	Family	Status
Suckermouth minnow	<i>Phenacobius mirabilis</i>	Cyprinidae	Native
Southern redbelly dace	<i>Phoxinus eruthrogaster</i>	Cyprinidae	Native
Bluntnose minnow	<i>Pimephales notatus</i>	Cyprinidae	Native
Fathead minnow	<i>Pimephales promelas</i>	Cyprinidae	Native
Bullhead minnow	<i>Pimephales vigilax</i>	Cyprinidae	Native
Western blacknose dace	<i>Rhinichthys obtusus</i>	Cyprinidae	Native
Creek chub	<i>Semotilus atromaculatus</i>	Cyprinidae	Native
River carpsucker	<i>Carpiodes carpio</i>	Castostomidae	Native
Quillback	<i>Carpiodes cyprinus</i>	Castostomidae	Native
Highfin carpsucker	<i>Carpiodes velifer</i>	Castostomidae	Native
White sucker	<i>Catostomus commersonii</i>	Castostomidae	Native
Blue sucker	<i>Cycleptus elongatus</i>	Castostomidae	Native
Northern hog sucker	<i>Hypentelium nigricans</i>	Castostomidae	Native
Smallmouth buffalo	<i>Ictiobus bubalus</i>	Castostomidae	Native
Bigmouth buffalo	<i>Ictiobus cyprinellus</i>	Castostomidae	Native
Black buffalo	<i>Ictiobus niger</i>	Castostomidae	Native
Spotted sucker	<i>Minytrema melanops</i>	Castostomidae	Native
Silver redhorse	<i>Moxostoma anisurum</i>	Castostomidae	Native
River redhorse	<i>Moxostoma carinatum</i>	Castostomidae	Native
Blackredhorse	<i>Moxostoma duquesnei</i>	Castostomidae	Native
Golden redhorse	<i>Moxostoma erythrurum</i>	Castostomidae	Native
Shorthead redhorse	<i>Moxostoma macrolepidotum</i>	Castostomidae	Native
Greater redhorse	<i>Moxostoma valenciennesi</i>	Castostomidae	Native
Black bullhead	<i>Ameiurus melas</i>	Ictaluridae	Native
Yellow bullhead	<i>Ameiurus natalis</i>	Ictaluridae	Native
Brown bullhead	<i>Ameiurus nebulosus</i>	Ictaluridae	Native
Channel catfish	<i>Ictalurus punctatus</i>	Ictaluridae	Native
Stonecat	<i>Noturus flavus</i>	Ictaluridae	Native
Tadpole madtom	<i>Noturus gyrinus</i>	Ictaluridae	Native
Flathead catfish	<i>Pylodictis olivaris</i>	Ictaluridae	Native
Grass pickerel	<i>Esox americanus vermiculatus</i>	Esocidae	Native
Northern pike	<i>Esox lucius</i>	Esocidae	Native
Muskellunge	<i>Esox masquinongy</i>	Esocidae	Native
Central mudminnow	<i>Umbra limi</i>	Umbridae	Native
Rainbow smelt	<i>Osmerus mordax</i>	Osmeridae	Non-native
Rainbow trout	<i>Oncorhynchus mykiss</i>	Salmonidae	Non-native
Brown trout	<i>Salmo trutta</i>	Salmonidae	Non-native
Brook trout	<i>Salvelinus fontinalis</i>	Salmonidae	Native
Lake trout	<i>Salvelinus namaycush</i>	Salmonidae	Non-native
Trout-perch	<i>Percopsis omiscomaycus</i>	Percopsidae	Native
Pirate perch	<i>Aphredoderus sayanus</i>	Aphredoderidae	Native
Burbot	<i>Lota lota</i>	Gadidae	Native
Banded killifish	<i>Fundulus diaphanus</i>	Fundulidae	Historic
Starhead topminnow	<i>Fundulus dispar</i>	Fundulidae	Historic

Common Name	Scientific Name	Family	Status
Blackstripe topminnow	<i>Fundulus olivaceus</i>	Fundulidae	Historic
Brook silverside	<i>Labidesthes sicculus</i>	Atherinidae	Native
Brook stickleback	<i>Culaea inconstans</i>	Gasterosteidae	Native
White bass	<i>Morone chrysops</i>	Moronidae	Native
Yellow bass	<i>Morone mississippiensis</i>	Moronidae	Native
Rock bass	<i>Ambloplites rupestris</i>	Centrarchidae	Native
Green sunfish	<i>Lepomis cyanellus</i>	Centrarchidae	Native
Pumpkinseed	<i>Lepomis gibbosus</i>	Centrarchidae	Native
Warmouth	<i>Lepomis gulosus</i>	Centrarchidae	Native
Orangespotted sunfish	<i>Lepomis humilis</i>	Centrarchidae	Native
Bluegill	<i>Lepomis macrochirus</i>	Centrarchidae	Native
Smallmouth bass	<i>Micropterus dolomieu</i>	Centrarchidae	Native
Largemouth bass	<i>Micropterus salmoides</i>	Centrarchidae	Native
White crappie	<i>Pomoxis annularis</i>	Centrarchidae	Native
Black crappie	<i>Pomoxis nigromaculatus</i>	Centrarchidae	Native
Western sand darter	<i>Ammocrypta clara</i>	Percidae	Native
Crystal darter	<i>Crystallaria asprella</i>	Percidae	Native
Mud darter	<i>Etheostoma asprigene</i>	Percidae	Native
Rainbow darter	<i>Etheostoma caeruleum</i>	Percidae	Native
Bluntnose darter	<i>Etheostoma chlorosoma</i>	Percidae	Native
Iowa darter	<i>Etheostoma exile</i>	Percidae	Native
Fantail darter	<i>Etheostoma flabellare</i>	Percidae	Native
Johnny darter	<i>Etheostoma nigrum</i>	Percidae	Native
Banded darter	<i>Etheostoma zonale</i>	Percidae	Native
Yellow perch	<i>Perca flavescens</i>	Percidae	Native
Logperch	<i>Percina caprodes</i>	Percidae	Native
Blackside darter	<i>Percina maculata</i>	Percidae	Native
Slenderhead darter	<i>Percina phoxocephala</i>	Percidae	Native
River darter	<i>Percina shumardi</i>	Percidae	Native
Sauger	<i>Sander canadensis</i>	Percidae	Native
Walleye	<i>Sander vitreus</i>	Percidae	Native
Freshwater drum	<i>Aplodinotus grunniens</i>	Sciaenidae	Native

Table 5. Mussel species within the Upper Mississippi River Project Area (Kelner, 2017)

Common Name	Scientific Name	Subfamily	Status
Spectaclecase	<i>Cumberlandia monodonta</i>	Cumberlandinae	Present
Threeridge	<i>Amblema plicata</i>	Ambleminae	Present
Purple wartyback	<i>Cyclonaias tuberculata</i>	Ambleminae	Present
Elephant ear*	<i>Elliptio crassidens</i>	Ambleminae	Present
Spike	<i>Elliptio dilatata</i>	Ambleminae	Present
Ebonysell*	<i>Fusconaia ebena</i>	Ambleminae	Present
Wabash pigtoe	<i>Fusconaia flava</i>	Ambleminae	Present
Washboard	<i>Megalonaias nervosa</i>	Ambleminae	Present
Sheepnose	<i>Plethobasus cyphus</i>	Ambleminae	Present
Round pigtoe	<i>Pleurobema sintoxia</i>	Ambleminae	Present
Winged mapleleaf	<i>Quadrula fragosa</i>	Ambleminae	Present
Monkeyface	<i>Quadrula metanevra</i>	Ambleminae	Present
Wartyback	<i>Quadrula nodulata</i>	Ambleminae	Present
Pimpleback	<i>Quadrula pustulosa</i>	Ambleminae	Present
Mapleleaf	<i>Quadrula quadrula</i>	Ambleminae	Present
Pistolgrip	<i>Tritogonia verrucosa</i>	Ambleminae	Present
Elktoe	<i>Alasmidonta marginata</i>	Anodontinae	Present
Flat floater	<i>Anodonta suborbiculata</i>	Anodontinae	Present
Cylindrical papershell	<i>Anodontoides ferussacianus</i>	Anodontinae	Historic
Rock pocketbook	<i>Arcidens confragosus</i>	Anodontinae	Present
White heelsplitter	<i>Lasmigona complanata</i>	Anodontinae	Present
Creek heelsplitter	<i>Lasmigona compressa</i>	Anodontinae	Present
Fluted shell	<i>Lasmigona costata</i>	Anodontinae	Present
Giant floater	<i>Pyganodon grandis</i>	Anodontinae	Present
Salamander mussel	<i>Simpsonaias ambigua</i>	Anodontinae	Present
Strange floater	<i>Strophitus undulatus</i>	Anodontinae	Present
Paper pondshell	<i>Utterbackia imbecillis</i>	Anodontinae	Present
Mucket	<i>Actinonaias ligamentina</i>	Lampsilinae	Present
Butterfly	<i>Ellipsaria lineolata</i>	Lampsilinae	Present
Snuffbox	<i>Epioblasma triquetra</i>	Lampsilinae	Present
Plain pocketbook	<i>Lampsilis cardium</i>	Lampsilinae	Present
Higgins eye	<i>Lampsilis higginsii</i>	Lampsilinae	Present
Fatmucket	<i>Lampsilis siliquoidea</i>	Lampsilinae	Present
Yellow sandshell	<i>Lampsilis teres</i>	Lampsilinae	Present
Fragile papershell	<i>Leptodea fragilis</i>	Lampsilinae	Present
Scaleshell	<i>Leptodea leptodon</i>	Lampsilinae	Historic
Black sandshell	<i>Ligumia recta</i>	Lampsilinae	Present
Threehorn wartyback	<i>Obliquaria reflexa</i>	Lampsilinae	Present
Hickorynut	<i>Obovaria olivaria</i>	Lampsilinae	Present
Pink heelsplitter	<i>Potamilus alatus</i>	Lampsilinae	Present

Common Name	Scientific Name	Subfamily	Status
Fat pocketbook	<i>Potamilus capax</i>	Lampsilinae	Historic
Pink papershell	<i>Potamilus ohioensis</i>	Lampsilinae	Present
Lilliput	<i>Toxolasma parvus</i>	Lampsilinae	Present
Fawnsfoot	<i>Truncilla donaciformis</i>	Lampsilinae	Present
Deertoe	<i>Truncilla truncata</i>	Lampsilinae	Present
Ellipse	<i>Venustaconcha ellipsiformis</i>	Lampsilinae	Historic

* Species host has been extirpated from this section on of the URM. Remnant individuals remain.

Table 6. Amphibian and reptile species present within the MNRRA corridor, which represents the Project Area.

Common Name	Scientific Name	Group	Occurance
American bullfrog	<i>Rana catesbeiana</i>	Amphibian	Probably Present
American toad	<i>Bufo americanus</i>	Amphibian	Present
Blue-spotted salamander	<i>Ambystoma laterale</i>	Amphibian	Probably Present
Boreal chorus frog	<i>Pseudacris maculata</i>	Amphibian	Probably Present
Central newt	<i>Notophthalmus viridescenslouisianensis</i>	Amphibian	Probably Present
Common mudpuppy	<i>Necturus maculosus</i>	Amphibian	Probably Present
Cope's gray treefrog	<i>Hyla chrysoscelis</i>	Amphibian	Probably Present
Eastern red-backed salamander	<i>Plethodon cinereus</i>	Amphibian	Unconfirmed
Eastern tiger salamander	<i>Ambystoma tigrinum</i>	Amphibian	Probably Present
Four-toed salamander	<i>Hemidactylium scutatum</i>	Amphibian	Unconfirmed
Mink frog	<i>Rana septentrionalis</i>	Amphibian	Unconfirmed
Northern green frog	<i>Rana clamitans melanota</i>	Amphibian	Present
Northern leopard frog	<i>Rana pipiens</i>	Amphibian	Present
Northern spring peeper	<i>Pseudacris crucifer</i>	Amphibian	Probably Present
Pickrel frog	<i>Rana palustris</i>	Amphibian	Unconfirmed
Spotted salamander	<i>Hyla versicolor</i>	Amphibian	Probably Present
Spotted salamander	<i>Ambystoma maculatum</i>	Amphibian	Unconfirmed
Western chorus frog	<i>Pseudacris triseriata</i>	Amphibian	Present
Wood frog	<i>Rana sylvatica</i>	Amphibian	Probably Present
Blanding's turtle	<i>Emydoidea blandingii</i>	Reptile	Present
Bullsnake	<i>Pituophis catenifer sayi</i>	Reptile	Present
Eastern gartersnake	<i>Thamnophis sirtalis sirtalis</i>	Reptile	Present
Eastern hog-nosed snake	<i>Heterodon platirhinus</i>	Reptile	Present
Eastern massasauga	<i>Sistrurus catenatus catenatus</i>	Reptile	Unconfirmed
Eastern milksnake	<i>Lampropeltis triangulum triangulum</i>	Reptile	Present
Eastern snapping turtle	<i>Chelydra serpentina serpentina</i>	Reptile	Present
Eastern yellow-bellied racer	<i>Coluber constrictor flaviventris</i>	Reptile	Present
False map turtle	<i>Graptemys pseudogeographica</i>	Reptile	Probably Present
Five-lined skink	<i>Eumeces fasciatus</i>	Reptile	Unconfirmed
Midland smooth softshell	<i>Apalone mutica mutica</i>	Reptile	Present
Northern map turtle	<i>Graptemys geographica</i>	Reptile	Probably Present
Northern prairie skink	<i>Eumeces septentrionalis</i>	Reptile	Probably Present
Northern redbelly snake	<i>Storeria occipitomaculata</i>	Reptile	Present
Northern watersnake	<i>Nerodia sipedon</i>	Reptile	Present
Plains gartersnake	<i>Thamnophis radix</i>	Reptile	Present
Prairie racerunner	<i>Cnemidophorus sexlineatus</i>	Reptile	Present
Ring-necked snake	<i>Diadophis punctatus</i>	Reptile	Unconfirmed
Smooth greensnake	<i>Opheodrys vernalis</i>	Reptile	Historical
Spiny softshell	<i>Apalone spinifera</i>	Reptile	Probably Present
Texas brown snake	<i>Storeria dekayi texana</i>	Reptile	Probably Present
Timber rattlesnake	<i>Crotalus horridus</i>	Reptile	Present
western foxsnake	<i>Elaphe vulpina</i>	Reptile	Present

Common Name	Scientific Name	Group	Occurance
Western hog-nosed snake	<i>Heterodon nasicus</i>	Reptile	Present
Western painted turtle	<i>Chrysemys picta bellii</i>	Reptile	Present
Wood turtle	<i>Clemmys insculpta</i>	Reptile	Present