

Appendix L: Species List

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Plants, Fish, Birds, Mammals, Reptiles, Amphibians and Invertebrate Species of the Detroit River International Wildlife Refuge

Plants

No formal, complete FWS survey of the new international wildlife refuge exists, so the following is a listing representing only those species reported by other conservation agencies, organizations or groups.

Aceraceae: Maple Family

Acer negunda – Boxelder

Acer platanoides – Norway maple

Acer saccharinum – Silver maple

Acer saccharum – Sugar or hard maple

Anacardiaceae: Cashew Family

Rhus aromatica – Fragrant or aromatic sumac

Rhus copallina – Shining or dwarf sumac

Rhus glabra – Smooth sumac

Rhus typhina – Staghorn sumac

Toxicodendron radicans – Poison-ivy

Apocynaceae: Dogbane Family

Apocynum androsaemifolium – Spreading dogbane

Araceae: Arum Family

Arisaema triphyllum – Jack-in-the-pulpit or indian turnip

Tradescantia ohiensis – Spiderwort

Asclepiadaceae: Milkweed Family

Asclepias incarnata – Swamp milkweed

Asclepias syriaca – Common milkweed

Asclepias tuberosa – Butterfly-weed

Asclepias verticillata – Whorled milkweed

Balsaminaceae: Touch-me-not Family

Impatiens capensis – Spotted touch-me-not or jewelweed

Berberidaceae: Barberry Family

Podophyllum peltatum – May-apple

Betulaceae: Birch Family

Alnus rugosa – Speckled alder

Bignoniaceae: Trumpet-creeper Family

Campsis radicans – Trumpet creeper or trumpet flower

Boraginaceae: Borage Family

Lithospermum canescens – Hoary puccoon

Campanulaceae: Bellflower Family

Lobelia cardinalis – Cardinal flower or red lobelia

Lobelia siphilitica – Great blue lobelia

Lobelia spicata – Pale spiked lobelia

Caprifoliaceae: Honeysuckle Family

Diervilla lonicera – Bush honeysuckle

Celastraceae: Bittersweet Family

Euonymus spp. – Unknown euonymus

Compositae (Asteraceae): Aster or Daisy Family

Achillea millefolium – Yarrow

Antennaria neglecta – Pussy-toes or ever-lasting

Arctium minus – Common burdock

Aster ericoides – Heath, wreath, or white prairie aster

Aster laevis – Smooth aster

Aster lanceolatus – Panicked or marsh aster

Aster novae-angliae – New England aster

Aster puniceus – Swamp or purple-stemmed aster

Aster sagittifolius – Arrow-leaved aster

Aster umbellatus – Fat-topped aster

Cirsium vulgare – Bull thistle

Centaurea maculosa – Spotted knapweed

Coreopsis lanceolata – Lance-leaved coreopsis

Echinacea purpurea – Purple coneflower

Erigeron annuus – Daisy fleabane

Eupatorium maculatum -- Joe-pye-weed

Helenium autumnale – Common sneezeweed

Helianthus divaricatus – Woodland sunflower

Helianthus giganteus – Giant or tall sunflower

Hieracium kalmii – Canada hawkweed

Rudbeckia hirta -- Black-eyed susan

Senecio pauperculus – Northern or balsam ragwort

Solidago graminifolia – Flat-topped, bushy, or grass-leaved goldenrod

Solidago nemoralis -- Gray goldenrod

Solidago ptarmicoides – White or sneezewort goldenrod

Solidago speciosa -- Showy goldenrod

Vernonia spp. – Ironweed

Cornaceae: Dogwood Family

Cornus amomum – Pale or silky dogwood

Cornus florida – Flowering dogwood

Cornus foemina spp. Racemosa – Gray dogwood

Cornus stolonifera – Red-osier dogwood

Cruciferae (Brassicaceae): Mustard Family

Alliaria petiolata – Garlic mustard

Arabis thaliana – Mustard plant or mouse-ear cress

Dentaria laciniata -- Cut-leaved toothwort

Cucurbitaceae: Gourd family
Campanula rotundifolia - Harebell or bluebell

Cupressaceae: Cypress Family
Cedrus atlantica - Cedar
Juniperus virginiana - Red-cedar

Cyperaceae: Sedge Family
Scirpus spp. - unknown bulrush

Dipsacaceae: Teasel Family
Dipsacus spp. - Unknown teasel

Equisetaceae: Horsetail Family
Equisetum arvense - Field horsetail

Ericaceae: Heath Family
Arctostaphylos uva-ursi - Bearberry or kinnikinnick
Vaccinium augustifolium - Lowbush blueberry or low sweet blueberry

Fagaceae: Beech Family
Quercus alba - White oak
Quercus bicolor - Swamp white oak
Quercus macrocarpa - Bur oak
Quercus palustris - Pin oak
Quercus rubra - Red oak
Quercus velutina - Black oak

Gentianaceae: Gentian Family
Gentiana andrewsii - Closed or bottle gentian

Geraniaceae: Geranium Family
Geranium maculatum - Wild geranium

Gramineae (Poaceae): Grass Family
Andropogon gerardi - Big bluestem
Andropogon scoparius - Little bluestem
Bouteloua curtipendula - Grama grass
Elymus canadensis - Canada wild-rye
Hierichole adorata - Sweet grass
Koeleria macrantha - June grass
Panicum virgatum - Switchgrass
Phragmites australis - Common reed grass or Phragmites
Sorghastrum nutans - Indian grass
Sporobolus cryptandrus - Sand dropseed
Stipa spartea - Needle grass

Guttiferae (Clusiaceae): St. John-s-wort Family
Hypericum ascyron - Giant St. John-s-wort

Hydrocharitaceae: Frog-s-bit Family
Elodea canadensis - Waterweed or Elodea
Vallisneria americana - Wild-celery

Iridaceae: Iris Family

Iris versicolor - Wild blue flag

Iris virginica - Southern blue flag or wild iris

Juglandaceae: Walnut Family

Carya ovata - Shagbark hickory

Juglans nigra - Black walnut

Labiatae (Lamiaceae): Mint family

Monarda didyma -- Bee-balm or oswego-tea

Monarda fistulosa - Wild bergamot

Monarda media - Purple bergamot

Physostegia virginiana - False dragonhead or obedient plant

Pycnanthemum virginianum - Mountain mint

Leguminosae: Pea Family

Cercis canadensis - Redbud

Gleditsia triacanthos - Honey locust

Lespedeza thunbergii - Shrub bush-clover or shrub lespedeza

Lupinus perennis - Wild lupine

Liliaceae: Lily Family

Allium spp. - Unknown onion

Erythronium americanum - Trout-lily, dogtooth violet or Adder-s-tongue

Lilium canadense - Canada lily

Lilium lancifolium - Tiger lily

Lilium philadelphicum - Wood lily

Lythraceae: Loosestrife Family

Lythrum salicaria - Purple loosestrife

Magnoliaceae: Magnolia Family

Liriodendron tulipifera - Tulip-tree or tulip-poplar

Malvaceae: Mallow Family

Hibiscus moscheutos - Swamp or rose mallow

Moraceae: Mulberry Family

Morus alba - White mulberry

Morus rubra - Red mulberry

Nymphaeaceae: Water-lily Family

Nelumbo lutea - American lotus or lotus-lily

Oleaceae: Olive Family

Fraxinus americana - White ash

Fraxinus nigra - Black ash

Fraxinus pennsylvanica - Green ash

Onagraceae: Evening-primrose Family

Oenothera biennis - Evening primrose

Papaveraceae: Poppy Family

Papaver spp. - unknown poppy

Pinaceae: Pine Family

Pinus resinosa – Red pine

Pinus sylvestris – Scotch or Scots pine

Plantaginaceae: Plantain Family

Plantago major – Common Plantain

Platanaceae: Plane-tree Family

Platanus occidentalis – Sycamore

Polemoniaceae: Phlox family

Phlox maculata – Wild-sweet-william

Polygonaceae: Smartweed Family

Rumex hymenosepalu -- Wild rhubarb

Portulacaceae: Purslane family

Claytonia virginica – Spring-beauty

Portulaca oleracea – Purslane or pusley

Ranunculaceae: Buttercup Family

Anemone canadensis – Canada anemone

Anemone cylindrica – Thimbleweed

Aquilegia canadensis – Wild columbine

Ranunculus fascicularis – Early buttercup

Thalictrum dsycarpum – Purple meadow-rue

Rhamnaceae: Buckthorn Family

Ceanothus americanus – New Jersey tea

Rhamnus frangula – Glossy buckthorn

Rosaceae: Rose Family

Crataegus crusgalli – Cockspur hawthorn

Fragaria virginiana – Wild strawberry

Potentilla anserina – Silver weed

Prunus americana – Wild plum

Prunus pensylvanica – Pin or fire cherry

Rosa multiflora – Multiflora or Japanese rose

Rosa palustris -- Swamp rose

Rubus allegheniensis – Common blackberry

Rubus occidentalis – Black raspberry

Rubiaceae: Madder Family

Cephalanthus occidentalis – Buttonbush

Galium boreale – Northern bedstraw

Salicaceae: Willow Family

Populus alba – White or silver poplar

Populus deltoides – Cottonwood

Salix discolor – Pussy willow

Salix exigua – Sandbar willow

Salix fragilis – Crack, weeping or brittle willow

Scrophulariaceae: Snapdragon Family

Castilleja coccinea – Painted-cup
Chelone glabra – Turtlehead
Mimulus ringens – Monkey flower
Verbascum blattaria – Moth mullen
Verbascum thapsus – Mullen or flannel plant

Simaroubaceae: Quassia Family

Ailanthus altissima – Tree-of-Heaven

Tillaceae: Linden Family

Tilia americana – Basswood or Linden

Typhaceae: Cattail Family

Typha spp. – unknown cattail

Ulmaceae: Elm Family

Celtus occidentalis – American hackberry
Ulmas americana – American elm

Umbelliferae (Apiaceae): Carrot or Parsley Family

Daucus carota – Queen-Anne-s-lace
Taenidia integerrima – Yellow-pimpernel

Verbenaceae: Vervain Family

Verbena hastata – Blue vervain

Violaceae: Violet Family

Viola pedata – Birdsfoot violet

Vitaceae: Grape Family

Parthenocissus quinquefolia – Virginia Creeper
Vitis riparia – River-bank grape

Fish

Acipenseridae: Sturgeon Family

Acipenser fulvescens – Lake sturgeon

Amiidae: Bowfin family

Amica calva – Bowfin or freshwater dogfish

Anguillidae: Freshwater Eel Family

Anguilla rostrata – American eel

Atherinidae: Silverside Family

Labidesthes sicculus – Brook silverside

Catostomidae: Sucker family

Carpionodes cyrinus – Quillback carpsucker
Catostomus commersoni – White sucker
Ictiobus cyprinellus – Largemouth buffalofish
Minytrema melanops – Spotted sucker

Catostomus catostomus – Longnose sucker
Ictiobus bubalus – Smallmouth buffalo
Moxostoma carinatum – River redhorse
Moxostoma anisurum – Silver redhorse
Moxostoma erythrurum – Golden redhorse
Moxostoma macrolepidotum – Shorthead redhorse

Centrarchidae: Sunfish Family

Ambloplites rupestris – Rockbass
Lepomis cyanellus – Green sunfish
Lepomis peltastes – Northern longear sunfish
Lepomis humilis – Orangespotted sunfish
Lepomis gibbosus – Pumpkinseed
Lepomis macrochirus – Bluegill
Micropterus dolomieu – Smallmouth bass
Micropterus salmoides – Largemouth bass
Pomoxis nigromaculatus – Black crappie
Pomoxis annularis – White crappie

Clupeidae: Herring Family

Alosa pseudoharengus – Alewife
Dorosoma cepedianum – Gizzard shad

Cottidae: Sculpin Family

Cottus bairdi – Mottled sculpin

Cyprinodontidae: Killifish Family

Fundulus diaphanus – Banded killifish

Cyprinidae: Minnow Family

Carassius auratus – Goldfish
Cyprinus carpio – Carp
Hybopsis storeriana – Silver chub
Nocomis micropogon – River chub
Nocomis biguttatus – Horneyhead chub
Notemigonus crysoleucas – Golden shiner
Notropis atherinodius – Emerald shiner
Notropis hudsonius – Spottail shiner
Notropis rubellus – Rosyface shiner
Notropis spilopterus – Spotfin shiner
Notropis volucellus – Mimic shiner
Notropis heterolepis – Blacknose shiner
Notropis stramineus – Sand shiner
Pimephales notatus – Bluntnose minnow
Opsopoeodus emiliae – Pugnose minnow
Semotilus atromaculatus – Creek chub

Esocidae: Pike Family

Esox lucius – Northern pike
Esox masquinongy – Muskellunge

Gasterosteidae: Stickleback Family

Culaea inconstans – Brook stickleback

Gobidae: Goby Family

Neogobius melanostomus – Round goby

Proterorhinus marmoratus – Tubenose goby

Hiodontidae: Mooneye Family

Hiodon tergisus – Mooneye

Ictaluridae: Catfish Family

Ictalurus melas – Black bullhead

Ictalurus natalis – Yellow bullhead

Ictalurus nebulosus – Brown Bullhead

Ictalurus punctatus – Channel catfish

Noturus flavus – Stonecat

Noturus gyrinus – Tadpole madtom

Lepisosteidae: Gar Family

Lepisosteus osseus – Longnose gar

Lepisosteus oculatus – Spotted gar

Osmeridae: Smelt Family

Osmerus mordax – Rainbow smelt

Lotidae: Burbot and Ellpout Family

Lota lota – Burbot

Percidae: Perch Family

Etheostoma microperca – Least darter

Etheostoma nigrum – Johnny darter

Etheostoma blennioides – Greenside darter

Perca flavescens – Yellow perch

Percina caprodes – Log perch

Percina copelandi – Channel darter

Stizostedion canadense – Sauger

Stizostedion vitreum – Walleye

Percopsidae: Trout-perch Family

Percopsis omiscomaycus – Trout-perch

Petromyzontidae: Lamprey Family

Ichthyomyzon unicuspis – Silver lamprey

Petromyzon marinus – Sea lamprey

Salmonidae: Salmon family

Oncorhynchus tshawytscha – Chinook salmon

Salmo gairdneri – Rainbow trout

Salmo trutta – Brown trout

Salvelinus namaycush – Lake trout

Coregonus clupeaformis – Lake whitefish

Sciaenidae: Drum Family

Aplodinotus grunniens – Freshwater drum

Serranidae: Sea bass Family

Roccus americana – White perch

Roccus chrysops – White bass

Umbridae: Mudminnow Family

Umbralimi – Central mudminnow

Birds

Accipitridae: Hawk and Eagle Family

Accipiter cooperii – Cooper's hawk

Buteo jamaicensis – Red-tailed hawk

Buteo platypterus – Broad-winged hawk

Falco sparverius – American kestrel

Haliaeetus leucocephalus – Bald eagle

Pandion haliaetus – Osprey

Alcedinidae: Kingfisher Family

Ceryle alcyon – Belted kingfisher

Anatidae: Swan, Geese and Duck Family

Aix sponsa – Wood Duck

Anser albifrons – Greater White-fronted Goose

Anas acuta – Pintail

Anas americana – American Widgeon

Anas crecca – Green-winged Teal

Anas clypeata – Northern Shoveler

Anas discors – Blue-winged Teal

Anas platyrhynchos – Mallard

Anas rubripes – American Black Duck

Anas strepera – Gadwall

Aythya affinis – Lesser scaup

Aythya americana – Redhead

Aythya marila – Greater Scaup

Aythya collaris – Ring-necked Duck

Aythya valisineria – Canvasback

Branta canadensis – Canada Goose

Bucephala albeola – Bufflehead

Bucephala clangula – Common Goldeneye

Chen caerulescens – Snow Goose

Chen rossii – Ross's Goose

Cygnus buccinator – Trumpeter Swan

Cygnus columbianus – Tundra Swan

Cygnus olor – Mute Swan

Lophodytes cucullatus – Hooded Merganser

Mergus merganser – Common Merganser

Mergus serrator – Red-breasted Merganser

Oxyura jamaicensis – Ruddy Duck.

Apodidae: Swift Family

Chaetura pelegica – Chimney Swift

Ardeidae: Heron and Bittern Family

Ardea alba – Great Egret

Ardea herodias – Great Blue Heron

Egretta thula – Snowy Egret
Nycticorax nycticorax – Black-crowned Night Heron

Caprimulgidae: Nighthawk Family
Chordeiles minor – Common Nighthawk

Cardinalidae: Cardinal Family
Cardinalis cardinalis – Northern Cardinal
Passerina cyanea – Indigo Bunting

Cathartidae: Vulture Family
Cathartes aura – Turkey Vulture

Charadriidae: Plover Family
Charadrius semipalmatus – Semipalmated Plover
Charadrius vociferus – Killdeer
Pluvialis squatarola – Black-bellied Plover

Columbidae: Dove Family
Columba livia – Rock Dove
Zenaida macroura – Mourning Dove

Corvidae: Crow and Jay Family
Corvus brachyrhynchos – American Crow
Cyanocitta cristata – Blue Jay

Emberizidae: Sparrow Family
Junco hyemalis – Dark-eyed Junco
Melospiza melodia – Song Sparrow
Spizella passerina – Chipping Sparrow

Fringillidae: Finch Family
Carduelis tristis – American Goldfinch

Gaviidae: Loon Family
Gavia immer – Common Loon

Hirundinidae: Swallow Family
Hirundo rustica – Barn Swallow
Pogone subis – Purple Martin
Tachycineta bicolor – Tree Swallow

Icteridae: Blackbird Family
Agelaius phoeniceus – Red-winged Blackbird
Icterus galbula – Baltimore Oriole
Molothrus ater – Brown-headed Cowbird
Quiscalus quiscula – Common Grackle

Laridae: Gull and Tern Family
Chlidonias niger – Black Tern
Larus argentatus – Herring Gull
Larus delawarensis – Ring-billed Gull
Larus marinus – Great black-backed Gull
Larus hyperboreus – Glaucous Gull

Larus philadelphia – Bonaparte's Gull
Sterna caspia – Caspian Tern
Sterna fosteri – Forster's Tern
Sterna hirundo – Common Tern

Paridae: Chickadee and Titmouse Family
Baeolophus bicolor – Tufted Titmouse
Poecile atricapillus – Black-capped Chickadee

Parulidae: Wood-warbler Family
Setophaga ruticilla – American Redstart

Passeridae: Old World Sparrow Family
Passer domesticus – House Sparrow

Phalacrocoracidae: Cormorant Family
Phalacrocorax auritus – Double-crested Cormorant

Phasianidae: Pheasant Family
Phasianus colchicus – Ring-necked Pheasant

Picidae: Woodpecker Family
Colaptes auratus – Northern Flicker
Picoides pubescens – Downy Woodpecker

Podicipedidae: Grebe Family
Podiceps auritus – Horned Grebe
Podiceps nigricollis – Eared Grebe
Podilymbus podiceps – Pied-billed Grebe

Rallidae: Rail Family
Fulica americana – American Coot
Gallinula chloropus – Common Moorhen
Porzana carolina – Sora
Rallus limicola – Virginia Rail

Recurvirostridae: Avocet Family
Recurvirostra americana – American Avocet

Regulidae: Kinglet Family
Regulus calendula – Ruby-crowned Kinglet

Scolopacidae: Sandpiper Family
Actitis macularia – Spotted Sandpiper
Arenaria interpres – Ruddy Turnstone
Calidris alba – Sanderling
Calidris alpina – Dunlin
Calidris fuscicollis – White-rumped Sandpiper
Calidris melanotos – Pectoral Sandpiper
Calidris minutilla – Least Sandpiper
Calidris pusilla – Semipalmated Sandpiper
Catoptrophorus semipalmatus – Willet
Gallinago gallinago – Common Snipe
Limnodromus griseus – Short-billed Dowitcher

Limnodromus scolopaceus – Long-billed Dowitcher
Limosa fedoa – Marbled Godwit
Limosa limosa – Hudsonian Godwit
Numenius borealis – Whimbrel
Phalaropus tricolor – Wilson's Phalarope
Scolopax minor – American Woodcock
Tringa flavipes – Lesser Yellowlegs
Tringa melanoleuca – Greater Yellowlegs

Strigidae: Owl Family

Otus asio – Eastern Screech-owl

Sturnidae: Starling Family

Sturnus vulgaris – Starling

Troglodytidae: Wren Family

Thryothorus ludovicianus – Carolina Wren

Turdidae: Thrush Family

Turdus migratorius – American Robin

Tyrannidae: Flycatcher Family

Contopus virens – Eastern Wood-pewee

Vireonidae: Vireo Family

Vireo olivaceus – Red-eyed Vireo

Wildlife

Mammals

Canidae: Dog Family

Canis latrans – Coyote

Vulpes fulva – Red fox

Cervidae: Deer Family

Odocoileus virginianus – White-tailed deer

Cricetidae: Mouse and Rat Family

Ondatra zibethica – Muskrat

Leporidae: Hare and Rabbit Family

Sylvilagus floridanus – Eastern cottontail

Muridae: Old World Rat Family

Rattus norvegicus – Norway rat

Mustelidae: Weasel Family

Mephitis mephitis – Striped skunk

Procyonidae: Raccoon Family

Procyon lotor – Raccoon

Sciuridae: Squirrel Family

Marmota monax – Woodchuck
Sciurus niger – Eastern fox squirrel

Reptiles

Chelydridae: Snapping Turtle Family
Chelydra serpentina – Snapping turtle

Colubridae: Snake Family
Elaphe gloydi – Eastern fox snake
Nerodia sipedon – Northern water snake

Emydidae: Pond or Box Turtle Family
Chrysemys picta – Painted turtle
Clemmys guttata – Spotted turtle
Emydoidea blandingii – Blandings turtle
Graptemys geographica – Map turtle

Trionychidae: Softshell Turtle Family
Apalone spinifera – Eastern softshell turtle

Viperidae: Viper Family
Sistrurus catenatus – Massasauga rattlesnake

Amphibians

Bufo: Toad Family
Bufo americanus – American toad

Hylidae: Treefrog Family
Pseudacris triseriata – Chorus frog

Invertebrates

Astacidae:
Cambarus diogenes – Chimney crayfish

Carabidae:
Calosoma scrutator – Fiery searcher

Cercopidae:
Philaenus spumarius – Meadow spittlebug

Corydalidae:
Corydalus spp. – Unknown dobsonfly

Nymphalidae:
Danaus plexippus – Monarch

Saturniidae:
Antheraea polyphemus – Polyphemus moth

