

Appendix 22-1:

Plant and Wildlife Inventory List



**NORTH SIDE ENERGY CENTER, LLC  
PLANT AND WILDLIFE INVENTORY LIST**

## **Plant Species Inventory**

Observed On-Site During TRC Surveys, 2017, 2019, and 2020

<b>Scientific Name</b>	<b>Common Name</b>	<b>Date First Observed</b>
<i>Acalypha rhomboidea</i>	Rhomboid mercury	08/22/2019
<i>Acer rubrum</i>	Red maple	06/13/2017
<i>Acer saccharum</i>	Sugar maple	06/13/2017
<i>Acer saccharinum</i>	Silver maple	06/17/2017
<i>Achillea millefolium</i>	Common yarrow	06/16/2017
<i>Ageratina altissima</i>	Wild snakeroot	06/16/2017
<i>Agalinis purpurea</i>	Purple gerardia	08/28/2019
<i>Agalinis tenuifolia</i>	Slender false foxglove	08/22/2019
<i>Alnus incana</i>	Speckled alder	06/13/2017
<i>Alisma subcordatum</i>	American water plantain	06/15/2017
<i>Ambrosia artemisiifolia</i>	Annual ragweed	06/15/2017
<i>Anemone canadensis</i>	Canada anemone	06/17/2017
<i>Aralia nudicaulis</i>	Wild sarsaparilla	08/22/2019
<i>Aronia arbutifolia</i>	Red chokeberry	06/13/2017
<i>Artemisia biennis</i>	Biennial wormwood	08/25/2019
<i>Asclepias syriaca</i>	Common milkweed	06/15/2017
<i>Athyrium angustum</i>	Northern lady fern	08/21/2019
<i>Betula alleghaniensis</i>	Yellow birch	06/19/2017
<i>Betula populifolia</i>	Gray birch	06/14/2017
<i>Bidens frondosa</i>	Devils beggarstick	06/13/2017
<i>Boehmeria cylindrica</i>	False nettle	06/13/2017
<i>Boltonia asteroides</i>	False aster	06/20/2017
<i>Bromus inermis</i>	Smooth brome	06/13/2017
<i>Carex annectens</i>	Yellow-fruit sedge	08/25/2019
<i>Carex crinita</i>	Fringed sedge	06/13/2017
<i>Carex folliculata</i>	Northern long sedge	06/21/2017
<i>Carex intumescens</i>	Bladder sedge	08/23/2019
<i>Carex lacustris</i>	Hairy sedge	08/22/2019
<i>Carex lasiocarpa</i>	Slender sedge	06/13/2017
<i>Carex lupulina</i>	Hop sedge	06/14/2017
<i>Carex lurida</i>	Sallow sedge	06/20/2017
<i>Carex scoparia</i>	Broom sedge	06/13/2017
<i>Carex squarrosa</i>	Squarrose sedge	06/16/2017
<i>Carex stipata</i>	Awl fruited sedge	06/15/2017
<i>Carex striata</i>	Walter's sedge	06/15/2017
<i>Carex stricta</i>	Tussock sedge	06/14/2017

Scientific Name	Common Name	Date First Observed
<i>Carex vulpinoidea</i>	Fox sedge	06/15/2017
<i>Carpinus caroliniana</i>	American hornbeam	06/19/2017
<i>Carya glabra</i>	Pignut hickory	06/17/2017
<i>Carya ovata</i>	Shagbark hickory	08/19/2019
<i>Cirsium arvense</i>	Canada thistle	06/17/2017
<i>Cirsium vulgare</i>	Spear thistle	06/20/2017
<i>Cornus amomum</i>	Silky dogwood	06/13/2017
<i>Cornus florida</i>	Flowering dogwood	08/21/2019
<i>Cornus racemosa</i>	Gray dogwood	06/13/2017
<i>Crataegus douglasii</i>	Black hawthorn	08/21/2019
<i>Cyperus esculentus</i>	Yellow nutsedge	08/22/2019
<i>Dactylis glomerata</i>	Orchardgrass	06/13/2017
<i>Daucus carota</i>	Queen Anne's lace	06/19/2017
<i>Dryopteris carthusiana</i>	Spinulose wood fern	08/20/2019
<i>Dryopteris marginalis</i>	Marginal wood fern	06/13/2017
<i>Eleocharis obtusa</i>	Blunt spikerush	08/27/2019
<i>Eleocharis palustris</i>	Common spikerush	08/20/2019
<i>Epilobium ciliatum</i>	Fringed willowherb	08/22/2019
<i>Equisetum arvense</i>	Field horsetail	06/15/2017
<i>Equisetum hyemale</i>	Rough horsetail	06/16/2017
<i>Equisetum pratense</i>	Meadow horsetail	06/15/2017
<i>Equisetum sylvaticum</i>	Wood horsetail	08/23/2019
<i>Erigeron annuus</i>	Annual fleabane	08/28/2019
<i>Erigeron strigosus</i>	Daisy fleabane	08/19/2019
<i>Eupatorium perfoliatum</i>	Common boneset	06/15/2017
<i>Euthamia graminifolia</i>	Grass-leaf goldenrod	06/14/2017
<i>Eutrochium maculatum</i>	Spotted Joe-Pye-weed	06/13/2017
<i>Eutrochium purpureum</i>	Sweet Joe-Pye-weed	06/14/2017
<i>Fagus grandifolia</i>	American beech	06/19/2017
<i>Fallopia scandens</i>	Climbing buckwheat	08/23/2019
<i>Festuca rubra</i>	Creeping red fescue	06/14/2017
<i>Fragaria vesca</i>	Woodland strawberry	06/21/2017
<i>Fragaria virginiana</i>	Virginia strawberry	08/19/2019
<i>Fraxinus americana</i>	White ash	06/13/2017
<i>Fraxinus nigra</i>	Black ash	06/16/2017
<i>Fraxinus pennsylvanica</i>	Green ash	06/13/2017
<i>Fraxinus profunda</i>	Pumpkin ash	06/19/2017
<i>Galium asprellum</i>	Rough bedstraw	08/21/2019
<i>Galium mollugo</i>	Sweet-scent bedstraw	06/13/2017
<i>Galium palustre</i>	Common marsh bedstraw	06/02/2020
<i>Galium triflorum</i>	Fragrant bedstraw	06/13/2017

<b>Scientific Name</b>	<b>Common Name</b>	<b>Date First Observed</b>
<i>Galium trifidum</i>	Three-petal bedstraw	06/17/2017
<i>Geum aleppicum</i>	Yellow avens	08/21/2019
<i>Gleditsia triacanthos</i>	Honey locust	06/13/2017
<i>Glyceria grandis</i>	American manna-grass	06/17/2017
<i>Glyceria striata</i>	Fowl manna-grass	06/13/2017
<i>Hamamelis virginiana</i>	American witch hazel	08/21/2019
<i>Heracleum maximum</i>	Cow parsnip	08/26/2019
<i>Hieracium greenii</i>	Maryland hackweed	08/23/2019
<i>Iris pseudoacris</i>	Yellow iris	08/23/2019
<i>Iris versicolor</i>	Northern blue flag	06/13/2017
<i>Impatiens capensis</i>	Jewelweed	06/13/2017
<i>Juncus effusus</i>	Soft rush	06/21/2017
<i>Juncus tenuis</i>	Slender rush	06/19/2017
<i>Larix laricina</i>	Tamarack	06/16/2017
<i>Laportea canadensis</i>	Canadian wood nettle	06/13/2017
<i>Leersia oryzoides</i>	Rice cutgrass	08/21/2019
<i>Lobelia inflata</i>	Indian tobacco	08/27/2019
<i>Lolium perenne</i>	Perennial ryegrass	06/15/2017
<i>Lonicera morrowii</i>	Morrow's honeysuckle	06/17/2017
<i>Lotus corniculatus</i>	Bird's-foot trefoil	06/21/2017
<i>Lysimachia nummularia</i>	Creeping Jenny	06/20/2017
<i>Lythrum salicaria</i>	Purple loosestrife	06/15/2017
<i>Maianthemum stellatum</i>	Star-flowered lily-of-the-valley	06/16/2017
<i>Mentha X piperita</i>	Peppermint	06/13/2017
<i>Oenothera parviflora</i>	Northern evening primrose	06/20/2017
<i>Onoclea sensibilis</i>	Sensitive fern	06/13/2017
<i>Osmunda spectabilis</i>	Royal fern	08/23/2019
<i>Osmundastrum cinnamomeum</i>	Cinnamon fern	08/19/2019
<i>Ostrya virginiana</i>	Eastern hophornbeam	06/19/2017
<i>Oxalis corniculata</i>	Creepin woodsorrel	08/19/2019
<i>Oxalis dillenii</i>	Slender yellow woodsorrel	08/27/2019
<i>Panicum capillare</i>	Witchgrass	08/27/2019
<i>Panicum virgatum</i>	Switchgrass	08/22/2019
<i>Parathelypteris noveboracensis</i>	New York fern	06/14/2017
<i>Parthenocissus quinquefolia</i>	Virginia creeper	08/22/2019
<i>Peltandra virginica</i>	Green arrow arum	08/22/2019
<i>Penthorum sedoides</i>	Ditch stonecrop	08/27/2019
<i>Persicaria careyi</i>	Carey's smartweed	08/28/2019
<i>Phalaris arundinacea</i>	Reed canary-grass	06/13/2017
<i>Phleum pratense</i>	Timothy	06/15/2017
<i>Phragmites australis</i>	Common reed	06/20/2017

<b>Scientific Name</b>	<b>Common Name</b>	<b>Date First Observed</b>
<i>Picea pungens</i>	Colorado blue spruce	06/14/2017
<i>Pinus strobus</i>	Eastern white pine	06/13/2017
<i>Plantago major</i>	Common plantain	06/15/2017
<i>Plantago lanceolata</i>	Ribwort plantain	06/14/2017
<i>Poa palustris</i>	Fowl bluegrass	06/13/2017
<i>Poa pratensis</i>	Kentucky bluegrass	06/13/2017
<i>Polystichum acrostichoides</i>	Christmas fern	06/19/2017
<i>Populus balsamifera</i>	Balsam poplar	06/21/2017
<i>Populus deltoides</i>	Eastern cottonwood	06/14/2017
<i>Populus tremuloides</i>	Quaking aspen	06/13/2017
<i>Prunus serotina</i>	Black cherry	06/14/2017
<i>Quercus bicolor</i>	Swamp white oak	06/13/2017
<i>Ranunculus acris</i>	Tall buttercup	06/13/2017
<i>Rosa multiflora</i>	Multiflora rose	06/13/2017
<i>Rhamnus cathartica</i>	Common buckthorn	06/13/2017
<i>Rubus allegheniensis</i>	Common blackberry	06/19/2017
<i>Rubus hispida</i>	Swamp dewberry	08/21/2019
<i>Rubus idaeus</i>	American red raspberry	06/19/2017
<i>Rumex crispus</i>	Curly dock	06/15/2017
<i>Salix alba</i>	White willow	06/13/2017
<i>Salix bebbiana</i>	Bebb willow	06/13/2017
<i>Salix nigra</i>	Black willow	06/15/2017
<i>Salix discolor</i>	American pussy willow	06/16/2017
<i>Salix petiolaris</i>	Slender willow	06/15/2017
<i>Salix sericea</i>	Silky willow	06/14/2017
<i>Sambucus nigra</i>	Black elderberry	06/19/2017
<i>Schedonorus pratensis</i>	Meadow fescue	06/15/2017
<i>Scirpus atrovirens</i>	Bullrush	06/20/2017
<i>Scirpus cyperinus</i>	Wool grass	06/14/2017
<i>Setaria faberi</i>	Japanese bristlegrass	08/27/2019
<i>Solidago altissima</i>	Late goldenrod	06/13/2017
<i>Solidago canadensis</i>	Canada goldenrod	06/15/2017
<i>Solidago gigantea</i>	Tall goldenrod	06/14/2017
<i>Solidago rugosa</i>	Wrinkleleaf goldenrod	06/14/2017
<i>Solidago patula</i>	Rough-leaved goldenrod	06/17/2017
<i>Spiraea alba</i>	White meadowsweet	06/13/2017
<i>Spiraea latifolia</i>	Broadleaf meadowsweet	06/15/2017
<i>Spiraea tomentosa</i>	Hardhack	06/15/2017
<i>Stellaria graminea</i>	Common starwort	06/15/2017
<i>Symphyotrichum novi-belgii</i>	New York aster	06/19/2017
<i>Symphyotrichum puniceum</i>	Glossy-leaf aster	06/20/2017

<b>Scientific Name</b>	<b>Common Name</b>	<b>Date First Observed</b>
<i>Symplocarpus foetidus</i>	Eastern skunk cabbage	08/20/2019
<i>Taraxacum officinale</i>	Common dandelion	06/13/2017
<i>Thelypteris palustris</i>	Marsh fern	06/17/2017
<i>Thuja occidentalis</i>	Arborvitae	06/13/2017
<i>Tilia americana</i>	American basswood	06/13/2017
<i>Toxicodendron radicans</i>	Poison ivy	06/13/2017
<i>Trifolium pratense</i>	Red clover	06/13/2017
<i>Trifolium repens</i>	White clover	06/14/2017
<i>Tsuga canadensis</i>	Eastern hemlock	06/19/2017
<i>Typha angustifolia</i>	Narrow-leaf cattail	08/27/2019
<i>Typha latifolia</i>	Broad-leaf cattail	06/14/2017
<i>Ulmus americana</i>	American elm	06/13/2017
<i>Ulmus rubra</i>	Slippery elm	06/13/2017
<i>Urtica dioica</i>	Common nettle	08/21/2019
<i>Verbascum thapsus</i>	Great mullein	08/19/2019
<i>Verbena bonariensis</i>	Moth mullein	08/19/2019
<i>Verbena hastata</i>	Blue vervain	06/15/2017
<i>Viburnum lentago</i>	Nannyberry	08/21/2019
<i>Viburnum nudum</i>	Smooth withered	06/02/2020
<i>Vicia americana</i>	American vetch	06/13/2017
<i>Vicia sativa</i>	Common vetch	06/15/2017
<i>Vitis aestivalis</i>	Summer grape	06/14/2017
<i>Vitis riparia</i>	Riverbank grape	06/13/2017
<i>Zanthoxylum americanum</i>	Common pricklyash	08/21/2019
<i>Zea mays</i>	Corn	06/15/2017

## Wildlife Inventory List

The wildlife inventory list was created from existing data, on site surveys, and/or the availability of suitable habitat. The following species could occur in the Project Area at some time during the year:

Notes:

- A – Observed on-site by TRC Biologists
- B – Observed on-site During Avian Surveys by Tetra Tech
- C – Species identified in the USGS Breeding Bird Survey
- D – Species identified in the NYS Breeding Bird Atlas
- E – Species identified in the Audubon Christmas Bird Count
- F – Species identified in the NYS Amphibian & Reptile Atlas Project
- G – Species identified by eBird
- H – Peterson’s Mammals of North America: 2<sup>nd</sup> Edition
- I – Species distribution range in the NYSDEC SWAP
- J – Species identified in USFWS IPaC
- K – Species identified in consultation with NYNHP
- L – Species identified in consultation with NYSDEC Fisheries

### Common Name

### Scientific Name and Family

#### Birds

#### Ducks, Geese, and Waterfowl

American Black Duck	<i>Anas rubripes</i>	E, G, I
Blue-winged Teal	<i>Spatula discors</i>	C, D, G, I
Canada Goose	<i>Branta canadensis</i>	A, C, D, E, G
Green-winged Teal	<i>Anas crecca</i>	G
Mallard	<i>Anas platyrhynchos</i>	B, C, D, E, G
Snow Goose	<i>Anser caerulescens</i>	G
Wood Duck	<i>Aix sponsa</i>	C, D, G

#### Pheasants, Grouse and Allies

#### Phasianidae

Gray Partridge	<i>Perdix perdix</i>	C
Ring-necked Pheasant	<i>Phasianus colchicus</i>	C, D, G
Ruffed Grouse	<i>Bonasa umbellus</i>	C, D, G, I
Wild Turkey	<i>Meleagris gallopavo</i>	B, C, D, E, G



**Common Name****Scientific Name and Family****Grebes**

Horned Grebe  
Pied-billed Grebe  
Red-necked Grebe

**Podicipedidae**

*Podiceps auritus* G  
*Podilymbus podiceps* C, G, I  
*Podiceps grisegena* G

**Pigeons and Doves**

Mourning Dove  
Rock Pigeon

**Columbidae**

*Zenaida macroura* B, C, D, E, G  
*Columba livia* C, D, E, G

**Cuckoos**

Black-billed Cuckoo  
Yellow-billed Cuckoo

**Cuculidae**

*Coccyzus erythrophthalmus* C, D, G, I  
*Coccyzus americanus* C, G

**Nightjars and Allies**

Eastern Whip-poor-will

**Caprimulgidae**

*Caprimulgus vociferus* C, D, I

**Swifts**

Chimney Swift

**Apodidae**

*Chaetura pelagica* C, D, G

**Hummingbirds**

Ruby-throated Hummingbird

**Trochilidae**

*Archilochus colubris* C, D, G

**Rails, Gallinules and Coots**

American Coot  
Common Gallinule  
Common Moorhen  
Sora  
Virginia Rail

**Rallidae**

*Fulica americana* B, C, D, G  
*Gallinula galeata* C, G  
*Gallinula chloropus* D  
*Porzana carolina* G  
*Rallus limicola* D, G

**Plovers and Lapwings**

American Golden-Plover  
Killdeer  
Semipalmated Plover

**Charadriidae**

*Pluvialis dominica* G  
*Charadrius vociferus* B, C, D, G  
*Charadrius semipalmatus* G

**Sandpipers and Allies**

American Woodcock  
Spotted Sandpiper  
Upland Sandpiper  
Wilson's Snipe

**Scolopacidae**

*Scolopax minor* C, D, G, I  
*Actitis macularius* C, D, G  
*Bartramia longicauda* B, C, D, G, I  
*Gallinago delicata* B, C, D, G

**Gulls, Terns and Skimmers**

Glaucous Gull  
Great Black-backed Gull

**Laridae**

*Larus hyperboreus* E, G  
*Larus marinus* E, G

**Common Name****Scientific Name and Family**

Herring Gull	<i>Larus argentatus</i>	C, E, G
Iceland Gull	<i>Larus glaucooides</i>	E, G
Lesser Black-backed Gull	<i>Larus fuscus</i>	E, G
Ring-billed Gull	<i>Larus delawarensis</i>	B, C, E, G
<b><u>Hérons, Egrets and Bitterns</u></b>	<b><u>Ardeidae</u></b>	
American Bittern	<i>Botaurus lentiginosus</i>	B, C, D, G, I
Black-crowned Night-Heron	<i>Nycticorax</i>	G, I
Cattle Egret	<i>Bubulcus ibis</i>	B
Great Blue Heron	<i>Ardea herodias</i>	B, C, D, G
Great Egret	<i>Ardea alba</i>	G
Green Heron	<i>Butorides virescens</i>	A, C, D, G
<b><u>New World Vultures</u></b>	<b><u>Cathartidae</u></b>	
Turkey Vulture	<i>Cathartes aura</i>	A, B, C, D, G
<b><u>Osprey</u></b>	<b><u>Pandionidae</u></b>	
Osprey	<i>Pandion haliaetus</i>	D, E, G
<b><u>Hawks, Eagles, and Allies</u></b>	<b><u>Accipitridae</u></b>	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	A, E, G, I
Broad-winged Hawk	<i>Buteo platypterus</i>	C, G
Cooper's Hawk	<i>Accipiter cooperii</i>	C, D, E, G
Golden Eagle	<i>Aquila chrysaetos</i>	A, G
Northern Goshawk	<i>Accipiter gentilis</i>	D, G, I
Northern Harrier	<i>Circus hudsonius</i>	A, B, C, D, E, G, I
Red-shouldered Hawk	<i>Buteo lineatus</i>	G
Red-tailed Hawk	<i>Buteo jamaicensis</i>	A, B, C, E, G
Rough-legged Hawk	<i>Buteo lagopus</i>	A, E, G
Sharp-shinned Hawk	<i>Accipiter striatus</i>	C, D, E, G
<b><u>Owls</u></b>	<b><u>Strigidae</u></b>	
Barred Owl	<i>Strix varia</i>	C, D, E, G
Eastern Screech-Owl	<i>Megascops asio</i>	D, G
Great Horned Owl	<i>Bubo virginianus</i>	C, D, G
Long-eared Owl	<i>Asio otus</i>	D, I
Northern Saw-whet Owl	<i>Aegolius acadicus</i>	D
Short-eared Owl	<i>Asio flammeus</i>	A, G
Snowy Owl	<i>Bubo scandiacus</i>	G
<b><u>Kingfishers</u></b>	<b><u>Alcedinidae</u></b>	
Belted Kingfisher	<i>Megaceryle alcyon</i>	B, C, D, G

**Common Name****Scientific Name and Family****Woodpeckers**

Black-backed Woodpecker  
 Downy Woodpecker  
 Hairy Woodpecker  
 Northern Flicker  
 Pileated Woodpecker  
 Red-bellied Woodpecker  
 Yellow-bellied Sapsucker

**Picidae**

*Picodes arcticus* G  
*Dryobates pubescens* C, D, E, G  
*Dryobates villosus* C, D, E, G  
*Colaptes auratus* B, C, D, E, G  
*Dryocopus pileatus* B, C, D, E, G  
*Melanerpes carolinus* E, G  
*Sphyrapicus varius* B, C, D, G

**Falcons**

American Kestrel  
 Merlin  
 Peregrine Falcon

**Falconidae**

*Falco sparverius* A, B, C, D, G, I  
*Falco columbarius* G  
*Falco peregrinus* G

**Tyrant Flycatchers**

Alder Flycatcher  
 Eastern Kingbird  
 Eastern Phoebe  
 Eastern Wood-Pewee  
 Great Crested Flycatcher  
 Least Flycatcher  
 Olive-sided Flycatcher  
 Willow Flycatcher

**Tyrannidae**

*Empidonax alnorum* B, C, D, G  
*Tyrannus tyrannus* B, C, D, G  
*Sayornis phoebe* B, C, D, G  
*Contopus virens* B, C, D, G  
*Myiarchus crinitus* C, D, G  
*Empidonax minimus* B, C, D, G  
*Contopus cooperi* G  
*Empidonax traillii* B, C, D, G

**Vireos, Shrike-babblers and Erpornis**

Blue-headed Vireo  
 Red-eyed Vireo  
 Warbling Vireo  
 Yellow-throated Vireo

**Vireonidae**

*Vireo solitarius* C, D, G  
*Vireo olivaceus* B, C, D, G  
*Vireo gilvus* C, D, G  
*Vireo flavifrons* C, G

**Shrikes**

Northern Shrike

**Laniidae**

*Lanius borealis* E, G

**Crows, Jays and Magpies**

American Crow  
 Blue Jay  
 Canada Jay  
 Common Raven

**Corvidae**

*Corvus brachyrhynchos* B, C, D, E, G  
*Cyanocitta cristata* B, C, D, E, G  
*Perisoreus canadensis* G  
*Corvus corax* B, C, E, G

**Tits, Chickadees, and Titmice**

Black-capped Chickadee  
 Tufted Titmouse

**Paridae**

*Poecile atricapillus* A, B, C, D, E, G  
*Baeolophus bicolor* D, G

**Common Name****Scientific Name and Family****Larks****Alaudidae**

Horned Lark

*Eremophila alpestris*

C, G, I

**Swallows****Hirundinidae**

Bank Swallow

*Riparia riparia*

C, D, G

Barn Swallow

*Hirundo rustica*

B, C, D, G

Cliff Swallow

*Petrochelidon pyrrhonota*

C, D, G

Northern Rough-winged Swallow

*Stelgidopteryx serripennis*

C, D, G

Purple Martin

*Progne subis*

C, D, G

Tree Swallow

*Tachycineta bicolor*

B, C, D, G

**Kinglets****Regulidae**

Golden-crowned Kinglet

*Regulus satrapa*

C, E, G

Ruby-crowned Kinglet

*Regulus calendula*

G

**Nuthatches****Sittidae**

Red-breasted Nuthatch

*Sitta canadensis*

C, D, E, G

White-breasted Nuthatch

*Sitta carolinensis*

C, D, E, G

**Tree-creepers****Certhiidae**

Brown Creeper

*Certhia americana*

D, E, G

**Gnatcatchers****Poliophtilidae**

Blue-gray Gnatcatcher

*Poliophtila caerulea*

G

**Wrens****Troglodytidae**

Carolina Wren

*Thryothorus ludovicianus*

E

House Wren

*Troglodytes aedon*

C, D, G

Marsh Wren

*Cistothorus palustris*

D, G

Sedge Wren

*Cistothorus stellaris*

B

Winter Wren

*Troglodytes hiemalis*

C

**Starlings****Sturnidae**

European Starling

*Sturnus vulgaris*

A, B, C, D, E, G

**Mockingbirds and Thrashers****Mimidae**

Brown Thrasher

*Toxostoma rufum*

C, D, G, I

Gray Catbird

*Dumetella carolinensis*

B, C, D, G

Northern Mockingbird

*Mimus polyglottos*

D, G

**Thrushes and Allies****Turdidae**

American Robin

*Turdus migratorius*

B, C, D, E, G

Eastern Bluebird

*Sialia sialis*

C, D, G

**Common Name****Scientific Name and Family**

Hermit Thrush	<i>Catharus guttatus</i>	B, C, D, G
Swainson's Thrush	<i>Catharus ustulatus</i>	G
Veery	<i>Catharus fuscescens</i>	B, C, D, G
Wood Thrush	<i>Hylocichla mustelina</i>	B, C, D, G, I
<b><u>Waxwings</u></b>	<b><u>Bombycillidae</u></b>	
Bohemian Waxwing	<i>Bombycilla garrulus</i>	G
Cedar Waxwing	<i>Bombycilla cedrorum</i>	B, C, D, E, G
<b><u>Old World Sparrows</u></b>	<b><u>Passeridae</u></b>	
House Sparrow	<i>Passer domesticus</i>	C, D, E, G
<b><u>Wagtails and Pipits</u></b>	<b><u>Motacillidae</u></b>	
American Pipit	<i>Anthus rubescens</i>	G
<b><u>Finches, Euphonias and Allies</u></b>	<b><u>Fringillidae</u></b>	
American Goldfinch	<i>Spinus tristis</i>	A, B, C, D, E, G
Common Redpoll	<i>Acanthis flammea</i>	G
Evening Grosbeak	<i>Coccothraustes vespertinus</i>	C, D, G
House Finch	<i>Haemorhous mexicanus</i>	C, D, E, G
Pine Siskin	<i>Spinus pinus</i>	G
Pine Grosbeak	<i>Pinicola enucleator</i>	G
Purple Finch	<i>Haemorhous purpureus</i>	C, D, G
White-winged Crossbill	<i>Loxia leucoptera</i>	G
<b><u>Longspurs and Snow Buntings</u></b>	<b><u>Calcariidae</u></b>	
Lapland Longspur	<i>Calcarius lapponicus</i>	G
Snow Bunting	<i>Plectrophenax nivalis</i>	G
<b><u>New World Sparrows</u></b>	<b><u>Passerellidae</u></b>	
American Tree Sparrow	<i>Spizelloides arborea</i>	E, G
Chipping Sparrow	<i>Spizella passerina</i>	B, C, D, G
Dark-eyed Junco	<i>Junco hyemalis</i>	C, E, G
Eastern Towhee	<i>Pipilo erythrophthalmus</i>	C, D, G
Field Sparrow	<i>Spizella pusilla</i>	C, D, G
Fox Sparrow	<i>Passerella iliaca</i>	G
Grasshopper Sparrow	<i>Ammodramus savannarum</i>	B, C, D, I
Harris's Sparrow	<i>Zonotrichia querula</i>	E
Lincoln's Sparrow	<i>Melospiza lincolnii</i>	G
Savannah Sparrow	<i>Passerculus sandwichensis</i>	B, C, D, G
Song Sparrow	<i>Melospiza melodia</i>	B, C, D, E, G
Swamp Sparrow	<i>Melospiza georgiana</i>	B, C, D, G
Vesper Sparrow	<i>Poocetes gramineus</i>	C, G

**Common Name****Scientific Name and Family**

White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	G
White-throated Sparrow	<i>Zonotrichia albicollis</i>	B, C, D, E, G
<b><u>Troupials and Allies</u></b>		
Baltimore Oriole	<i>Icterus galbula</i>	B, C, D, G
Bobolink	<i>Dolichonyx oryzivorus</i>	B, C, D, G, I
Brown-headed Cowbird	<i>Molothrus ater</i>	C, D, G
Common Grackle	<i>Quiscalus quiscula</i>	B, C, D, G
Eastern Meadowlark	<i>Sturnella magna</i>	B, C, D, E, G, I
Orchard Oriole	<i>Icterus spurius</i>	C, G
Red-winged Blackbird	<i>Agelaius phoeniceus</i>	B, C, D, E, G
Rusty Blackbird	<i>Euphagus carolinus</i>	G
<b><u>New World Warblers</u></b>		
American Redstart	<i>Setophaga ruticilla</i>	C, D, G
Bay-breasted Warbler	<i>Setophaga castanea</i>	G
Black-and-white Warbler	<i>Mniotilta varia</i>	C, D, G
Blackburnian Warbler	<i>Setophaga fusca</i>	C
Blackpoll Warbler	<i>Setophaga striata</i>	C, G
Black-throated Blue Warbler	<i>Setophaga caerulescens</i>	C, I
Black-throated Green Warbler	<i>Setophaga virens</i>	C, D, G
Blue-winged Warbler	<i>Vermivora cyanoptera</i>	B, D, I
Canada Warbler	<i>Cardellina canadensis</i>	C, G, I
Chestnut-sided Warbler	<i>Setophaga pensylvanica</i>	B, C, D, G
Common Yellowthroat	<i>Geothlypis trichas</i>	B, C, D, G
Magnolia Warbler	<i>Setophaga magnolia</i>	C, D, G
Mourning Warbler	<i>Geothlypis philadelphia</i>	C
Nashville Warbler	<i>Leiostyris alpestris</i>	C, D, G
Northern Parula	<i>Setophaga americana</i>	C, G
Northern Waterthrush	<i>Parkesia noveboracensis</i>	C, G
Orange-crowned Warbler	<i>Leiostyris celata</i>	G
Ovenbird	<i>Seiurus aurocapilla</i>	B, C, D, G
Palm Warbler	<i>Setophaga palmarum</i>	G
Pine Warbler	<i>Setophaga pinus</i>	C, D
Prairie Warbler	<i>Setophaga discolor</i>	C, I
Tennessee Warbler	<i>Leiostyris peregrina</i>	G
Wilson's Warbler	<i>Cardellina pusilla</i>	G
Yellow Warbler	<i>Setophaga petechia</i>	B, C, D, G
Yellow-rumped Warbler	<i>Setophaga coronata</i>	C, D, G
<b><u>Cardinals and Allies</u></b>		
Indigo Bunting	<i>Passerina cyanea</i>	B, C, D, G
Northern Cardinal	<i>Cardinalis cardinalis</i>	B, C, D, E, G

**Common Name****Scientific Name and Family**

Rose-breasted Grosbeak  
Scarlet Tanager

*Pheucticus ludovicianus*  
*Piranga olivacea*

C, D, G  
C, D, G, I

**Amphibians****Mole Salamanders****Ambystomatidae**

Spotted salamander  
Jefferson salamander  
Blue-spotted salamander

*Ambystoma maculatum*  
*Ambystoma jeffersonianum*  
*Ambystoma laterale*

F  
F  
F, I

**Lungless salamanders****Plethodontidae**

Northern redback salamander  
Northern two-lined salamander

*Plethodon c. cinereus*  
*Eurycea bislineata*

F  
F

**Mudpuppies****Proteidae**

Common mudpuppy

*Necturus maculatus*

F, I

**True toads****Bufo**

American toad

*Anaxyrus (Bufo) a. americanus*

F

**Tree Frogs****Hylidae**

Northern spring peeper  
Gray treefrog  
Western chorus frog  
Boreal chorus frog

*Pseudacris crucifer*  
*Hyla versicolor*  
*Pseudacris triseriata*  
*Pseudacris maculata*

F  
F  
F, I  
I

**True Frogs****Ranidae**

American bullfrog  
Green frog  
Wood frog  
Northern leopard frog

*Lithobates (Rana) catesbeiana*  
*Lithobates (Rana) clamitans*  
*Lithobates (Rana) sylvatica*  
*Lithobates (Rana) pipiens*

F  
F  
F  
A, F

**Reptiles****Snapping Turtles****Chelydridae**

Common snapping turtle

*Chelydra s. serpentina*

F, I

**Pond Turtles****Emydidae**

Painted turtle  
Wood turtle  
Blanding's turtle

*Chrysemys picta*  
*Glyptemys (Clemmys) insculpta*  
*Emydoidea blandingii*

F  
F, I  
F, I, K

**Colubrids****Colubridae**

Common garter snake

*Thamnophis sirtalis*

F

**Common Name****Scientific Name and Family**

Eastern milk snake	<i>Lampropeltis triangulum</i>	F
Smooth green snake	<i>Opheodry vernalis</i>	F
Northern redbelly snake	<i>Storeria occiptomaculata</i>	F
<b>Mammals</b>		
<b><u>Beavers</u></b>		
Beaver	<i>Castor canadensis</i>	H
<b><u>Deer</u></b>		
White-tailed deer	<i>Odocoileus virginianus</i>	A, H
<b><u>Bears</u></b>		
Black bear	<i>Ursus americanus</i>	H
<b><u>Dogs, Wolves, Foxes</u></b>		
Eastern Coyote	<i>Canis latrans</i>	H
Gray fox	<i>Urocyon cinereoargenteus</i>	H
Red fox	<i>Vulpes vulpes</i>	H
<b><u>Hares, Rabbits</u></b>		
Eastern Cottontail	<i>Sylvilagus floridanus</i>	H
Snowshoe Hare	<i>Lepus americanus</i>	H
<b><u>Jumping Mice</u></b>		
Meadow Jumping Mouse	<i>Zapus hudsonius</i>	H
Woodland Jumping Mouse	<i>Napaeozapus insignis</i>	H
<b><u>Mice, Rats, Lemmings, Voles</u></b>		
Deer Mouse	<i>Peromyscus maniculatus</i>	H
Meadow Vole	<i>Microtus pennsylvanicus</i>	H
Southern Red-backed Vole	<i>Myodes gapperi</i>	H
Muskrat	<i>Ondatra zibethicus</i>	H
White-Footed Mouse	<i>Peromyscus leucopus</i>	H
<b><u>Moles</u></b>		
Hairy-tail Mole	<i>Parascalops breweri</i>	H
Star-nose Mole	<i>Condylura cristata</i>	H
<b><u>Old World Rats &amp; Mice</u></b>		
House Mouse	<i>Mus musculus</i>	H
Norway Rat	<i>Rattus norvegicus</i>	H



**Common Name****Scientific Name and Family****Opossums**

Virginia opossum

**Didelphiidae***Didelphis virginiana*

H

**Plain-nose Bats**

Northern Long-eared bat

Eastern Small-footed bat

Eastern pipistrelle (Tri-colored bat)

Hoary bat

Eastern red bat

Silver-haired bat

Big brown bat

Little brown bat

**Vespertilionidae***Myotis septentrionalis*

H, I

*Myotis leibii*

H, I

*Perimyotis subflavus*

I

*Lasiurus cinereus*

I

*Lasiurus borealis*

I

*Lasionycteris noctivagans*

I

*Eptesicus fuscus*

H

*Myotis lucifugus*

H, I

**Porcupines**

North American porcupine

**Erethizontidae***Erethizon dorsatum*

A, H

**Racoons**

Raccoon

**Procyonidae***Procyon lotor*

H

**Shrews**

Masked Shrew

Short tail Shrew

Smoky Shrew

American Pygmy Shrew

**Soricidae***Sorex cinereus*

H

*Blarina brevicauda*

H

*Sorex fumeus*

H

*Sorex hoyi*

I

**Skunks**

Striped skunk

**Mephitidae***Mephitis mephitis*

H

**Squirrels**

Eastern gray squirrel

Eastern chipmunk

Northern flying squirrel

Red Squirrel

Southern Flying Squirrel

Woodchuck

**Sciuridae***Sciurus carolinensis*

A

*Tamias striatus*

A

*Glaucomys sabrinus*

H

*Tamiasciurus hudsonicus*

A

*Glaucomys volans*

H

*Marmota monax*

H

**Weasels**

American mink

Fisher

River otter

**Mustelidae***Neovision vision*

H

*Martes pennanti*

H

*Lontra canadensis*

H

**Common Name****Scientific Name and Family****Fish**Eels

American Eel

Anguillidae*Anguilla rostrata*

I

Suckers

Greater Redhorse

Longnose Sucker

Shorthead Redhorse

Silver Redhorse

Summer Sucker

White Sucker

Catostomidae*Moxostoma valenciennesi**Catostomus catastomus**Moxostoma macrolepidotum**Moxostoma anisurum**Catostomus utawana**Catostomus commersonii*

L

I

L

L

I

L

Mooneyes

Mooneye

Hiodontidae*Hiodon spp.*

I

Pikes

Muskellunge

Northern Pike

Esocidae*Esox masiquinogy**Esox Lucius*

I

L

Perches

Eastern Sand Darter

Fantail Darter

Iowa Darter

Johnny Darter

Logperch

Tessellated Darter

Yellow Perch

Walleye

Percidae*Ammocrypta pellucida**Etheostoma flabellare**Etheostoma exile**Etheostoma nigrum**Percina caprodes**Etheostoma olmstedi**Perca flavescens**Sander vitreus*

I, K

L

I, L

L

L

L

L

L

L

Minnows

Blacknose Shiner

Bridle Shiner

Bluntnose Minnow

Brassy Minnow

Common Shiner

Creek Chub

Cutlip Minnow

Emerald Shiner

Fallfish

Fathead Minnow

Golden Shiner

Cyprinidae*Notropis heterolepis**Notropis bifrenatus**Pimephales notatus**Hybognathus hankinsoni**Luxilus cornutus**Semotilus atromaculatus**Exoglossum maxillingua**Notropis atherinoides**Semotilus corporalis**Pimephales promelas**Notemigonus crysoleucas*

I, K, L

I, K

L

L

L

L

L

L

L

L

L

**Common Name****Scientific Name and Family**

Lake Chub	<i>Couesius plumbeus</i>	I
Mimic Shiner	<i>Notropis volucellus</i>	L
Northern Redbelly Dace	<i>Chrosomus eos</i>	L
Rosyface Shiner	<i>Notropis rubellus</i>	L
Sand Shiner	<i>Notropis stramineus</i>	L
Spotfin Shiner	<i>Cyprinella spiloptera</i>	L

**Catfish****Ictaluridae**

Brown Bullhead	<i>Ameiurus nebulosus</i>	L
Margined Madtom	<i>Noturus insignis</i>	L

**Bass****Centrarchidae**

Bluegill	<i>Lepomis macrochirus</i>	L
Largemouth Bass	<i>Micropterus salmoides</i>	L
Pumpkinseed	<i>Lepomis gibbosus</i>	L
Rock Bass	<i>Ambloplites rupestris</i>	L
Smallmouth Bass	<i>Micropterus dolomieu</i>	L

**Mudminnow****Umbridae**

Central Mudminnow	<i>Umbra limi</i>	L
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**Killifish****Fundulidae**

Banded Killifish	<i>Fundulus diaphanous</i>	L
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**Stickleback****Gasterosteidae**

Brook Stickleback	<i>Culaea inconstans</i>	L
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