

WILDLIFE SPECIES INVENTORY

Based on 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:

Common Name	Scientific Name
Bird Species	
<u>Herons, Bitterns</u>	<u>Ardeidae</u>
1,2 great blue heron	Ardea herodias
2 green heron	<i>Butorides virescens</i>
2 double crested cormorant	<i>Phalacrocorax auritus</i>
<u>Waterfowl</u>	<u>Anatidae</u>
2 wood duck	<i>Aix sponsa</i>
2 mallard	<i>Anas platyrhynchos</i>
2 American black duck	<i>Anas rubripes</i>
2 Canada goose	<i>Branta canadensis</i>
2 mute swan	<i>Cygnus olor</i>
2 common merganser	<i>Mergus merganser</i>
<u>American Vultures</u>	<u>Cathartidae</u>
1,2 turkey vulture	Cathartes aura
2 black vulture	<i>Coragyps atratus</i>
<u>Hawks</u>	<u>Accipitridae</u>
1,2 Cooper's hawk	Accipiter cooperii
2 sharp-shinned hawk	<i>Accipiter striatus</i>
1,2 red-tailed hawk	Buteo jamaicensis
2 red-shouldered hawk	<i>Buteo lineatus</i>
2 broad-winged hawk	<i>Buteo platypterus</i>
2 American kestrel	<i>Falco sparverius</i>
<u>Turkeys</u>	<u>Meleagrididae</u>
2 wild turkey	<i>Meleagris gallopavo</i>
<u>Rails</u>	<u>Rallidae</u>
2 Virginia rail	<i>Rallus limicola</i>
<u>Plovers</u>	<u>Charadriidae</u>
2 killdeer	<i>Charadrius vociferus</i>
<u>Sandpipers</u>	<u>Scolopacidae</u>
2 spotted sandpiper	<i>Actitis macularia</i>
1,2 American woodcock	Philohela minor
<u>Pigeons, Doves</u>	<u>Columbidae</u>
2 rock dove	<i>Columba livia</i>
2 mourning dove	<i>Zenaida macroura</i>
<u>Cuckoos</u>	<u>Cuculidae</u>
2 black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>
<u>Typical Owls</u>	<u>Strigidae</u>
1,2 great horned owl	Bubo virginianus
2 eastern screech owl	<i>Otus asio</i>
2 barred owl	<i>Strix varia</i>
<u>Goat Suckers</u>	<u>Caprimulgidae</u>
2 common nighthawk	<i>Chordeiles minor</i>
<u>Swifts</u>	<u>Apodidae</u>
2 chimney swift	<i>Chaetura pelagica</i>
<u>Hummingbirds</u>	<u>Trochilidae</u>
1,2 ruby-throated hummingbird	Archilochus colubris
<u>Kingfishers</u>	<u>Alcedinidae</u>
2 belted kingfisher	<i>Ceryle alcyon</i>

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Common Name	Scientific Name
<u>Woodpeckers</u>	<u>Picidae</u>
1,2 northern flicker	Colaptes auratus
1,2 pileated woodpecker	Dryocopus pileatus
2 red-bellied woodpecker	<i>Melanerpes carolinus</i>
2 red-headed woodpecker	<i>Melanerpes erythrocephalus</i>
2 downy woodpecker	<i>Picoides pubescens</i>
2 hairy woodpecker	<i>Picoides villosus</i>
2 yellow-bellied sapsucker	<i>Sphyrapicus varius</i>
<u>Flycatchers</u>	<u>Tyrannidae</u>
2 eastern wood-pewee	<i>Contopus virens</i>
2 least flycatcher	<i>Epidonax minimus</i>
2 willow flycatcher	<i>Epidonax traillii</i>
2 great crested flycatcher	<i>Myiarchus crinitus</i>
2 eastern phoebe	<i>Sayornis phoebe</i>
2 eastern kingbird	<i>Tyrannus tyrannus</i>
<u>Swallows</u>	<u>Hirundinidae</u>
2 barn swallow	<i>Hirundo rustica</i>
2 northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>
2 tree swallow	<i>Tachycineta bicolor</i>
<u>Jays, Crows</u>	<u>Corvidae</u>
2 American crow	<i>Corvus brachyrhynchos</i>
2 common raven	<i>Corvus corax</i>
1,2 blue jay	Cyanocitta cristata
<u>Titmice</u>	<u>Paridae</u>
1,2 black-capped chickadee	Parus atricapillus
2 tufted titmouse	<i>Parus bicolor</i>
<u>Nuthatches</u>	<u>Sittidae</u>
1,2 white-breasted nuthatch	Sitta carolinensis
<u>Wrens</u>	<u>Troglodytidae</u>
2 Carolina wren	<i>Thryothorus ludovicianus</i>
2 house wren	<i>Troglodytes aedon</i>
<u>Mimic Thrushes</u>	<u>Mimidae</u>
1,2 gray catbird	Dumetella carolinensis
2 northern mockingbird	<i>Mimus polyglottos</i>
2 brown thrasher	<i>Toxostoma rufum</i>
<u>Thrushes</u>	<u>Turdidae</u>
2 veery	<i>Catharus fuscescens</i>
2 wood thrush	<i>Hylocichla mustelina</i>
2 eastern bluebird	<i>Sialia sialis</i>
2 American robin	<i>Turdus migratorius</i>
<u>Kinglets</u>	<u>Sylviidae</u>
2 blue-gray gnatcatcher	<i>Poliophtila caerulea</i>
<u>Waxwings</u>	<u>Bombycillidae</u>
2 cedar waxwing	<i>Bombycilla cedrorum</i>
<u>Starlings</u>	<u>Sturnidae</u>
2 European starling	<i>Sturnus vulgaris</i>
<u>Vireos</u>	<u>Vireonidae</u>
2 warbling vireo	<i>Vireo gilvus</i>
2 blue-headed vireo	<i>Vireo solitarius</i>

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Common Name	Scientific Name
<u>Wood Warblers</u>	<u>Parulidae</u>
² prairie warbler	<i>Dendroica discolor</i>
² chestnut-sided warbler	<i>Dendroica pensylvanica</i>
² yellow warbler	<i>Dendroica petechia</i>
² common yellowthroat	<i>Geothlypis trichas</i>
² black and white warbler	<i>Mniotilta varia</i>
² ovenbird	<i>Seiurus aurocapillus</i>
² Louisiana waterthrush	<i>Seiurus motacilla</i>
² American redstart	<i>Setophaga ruticila</i>
² blue-winged warbler	<i>Vermivora pinus</i>
<u>Weaver Finches</u>	<u>Ploceidae</u>
² house sparrow	<i>Passer domesticus</i>
<u>Blackbirds</u>	<u>Icteridae</u>
² red-winged blackbird	<i>Agelaius phoeniceus</i>
² bobolink	<i>Dolichonyx oryzivorus</i>
² Baltimore oriole	<i>Icterus galbula</i>
² orchard oriole	<i>Icterus spurius</i>
² brown-headed cowbird	<i>Molothrus ater</i>
² common grackle	<i>Quiscalus quiscula</i>
² eastern meadowlark	<i>Sturnella magna</i>
<u>Cardinals</u>	<u>Cardinalinae</u>
² northern cardinal	<i>Cardinalis cardinalis</i>
² indigo bunting	<i>Passerina cyanea</i>
² rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>
² scarlet tanager	<i>Piranga olivacea</i>
<u>Sparrows</u>	<u>Emberizidae</u>
² swamp sparrow	<i>Melospiza georgiana</i>
² song sparrow	<i>Melospiza melodia</i>
² savannah sparrow	<i>Passerculus sandwichensis</i>
<u>True Finches</u>	<u>Fringillidae</u>
² American goldfinch	<i>Carduelis tristis</i>
² house finch	<i>Carpodacus mexicanus</i>
² purple finch	<i>Carpodacus purpureus</i>
² savannah sparrow	<i>Passerculus sandwichensis</i>
² rufous-sided towhee	<i>Pipilo erythrophthalmus</i>
² chipping sparrow	<i>Spizella passerina</i>
² field sparrow	<i>Spizella pusilla</i>

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Common Name	Scientific Name
Mammal Species	
<u>Opossums</u>	<u>Didelphiidae</u>
opossum	<i>Didelphis virginiana</i>
<u>Shrews</u>	<u>Soricidae</u>
shorttail shrew	<i>Blarina brevicauda</i>
least shrew	<i>Cryptotis parva</i>
masked shrew	<i>Sorex cinereus</i>
smoky shrew	<i>Sorex fumeus</i>
<u>Moles</u>	<u>Talpidae</u>
starnose mole	<i>Condylura cristata</i>
hairytail mole	<i>Parascalops breweri</i>
eastern mole	<i>Scalopus aquaticus</i>
<u>Plainnose Bats</u>	<u>Vespertilionidae</u>
big brown bat	<i>Eptesicus fuscus</i>
silver-haired bat	<i>Lasionycteris noctivagans</i>
red bat	<i>Lasiurus borealis</i>
hoary bat	<i>Lasiurus cinereus</i>
Keen myotis	<i>Myotis keenii</i>
little brown myotis	<i>Myotis lucifugus</i>
eastern pipistrelle	<i>Pipistrellus subflavus</i>
<u>Mouse-eared Bats</u>	
indiana bat	<i>Myotis sodalis</i>
<u>Raccoons</u>	<u>Procyonidae</u>
raccoon	<i>Procyon lotor</i>
<u>Porcupines</u>	<u>Erethizontidae</u>
porcupine	<i>Erethizon dorsatum</i>
<u>Weasels</u>	<u>Mustelidae</u>
striped skunk	<i>Mephitis mephitis</i>
shorttail weasel	<i>Mustela erminea</i>
longtail weasel	<i>Mustela frenata</i>
mink	<i>Mustela vison</i>
<u>Dogs, Wolves, Foxes</u>	<u>Canidae</u>
coyote	<i>Canis latrans</i>
gray fox	<i>Urocyon cinereoargenteus</i>
red fox	<i>Vulpes vulpes</i>
<u>Cats</u>	<u>Felidae</u>
bobcat	<i>Felis rufus</i>
<u>Squirrels</u>	<u>Sciuridae</u>
southern flying squirrel	<i>Glaucomys volans</i>
woodchuck	<i>Marmota monax</i>
eastern gray squirrel	<i>Sciurus carolinensis</i>
eastern chipmunk	<i>Tamias striatus</i>
red squirrel	<i>Tamiasciurus hudsonicus</i>
<u>Beaver</u>	<u>Castoridae</u>
beaver	<i>Castor canadensis</i>
<u>Mice, Rats, Lemmings, Voles</u>	<u>Cricetidae</u>
meadow vole	<i>Microtus pennsylvanicus</i>
muskrat	<i>Ondatra zibethicus</i>
white-footed mouse	<i>Peromyscus leucopus</i>
deer mouse	<i>Peromyscus maniculatus</i>

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Based on 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:

Common Name	Scientific Name
<u>Old World Rats & Mice</u>	<u>Muridae</u>
house mouse	<i>Mus musculus</i>
Norway rat	<i>Rattus norvegicus</i>
<u>Jumping Mice</u>	<u>Zapaeidae</u>
woodland jumping mouse	<i>Napaeozapus insignis</i>
meadow jumping mouse	<i>Zapus hudsonicus</i>
<u>Hares, Rabbits</u>	<u>Leporidae</u>
¹ eastern cottontail	<i>Sylvilagus floridanus</i>
<u>Deer</u>	<u>Cervidae</u>
¹ whitetail deer	<i>Odocoileus virginianus</i>
<u>Bears</u>	<u>Ursidae</u>
black bear	<i>Ursus americanus</i>

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Based on 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:

Common Name	Scientific Name
Reptile and Amphibian Species	
<u>Snapping Turtles</u>	
³ common snapping turtle	<i>Chelydridae</i> <i>Chelydra serpentina</i>
<u>Box and Water Turtles</u>	
³ painted turtle	<i>Emydidae</i> <i>Chrysemys picta</i>
³ wood turtle	<i>Clemmys insculpta</i>
³ eastern box turtle	<i>Terrapene caroliniana</i>
³ spotted turtle	<i>Clemmys guttata</i>
^{3,5} Blanding's turtle	<i>Emydoidea blandingii</i>
³ bog turtle	<i>Clemmys muhlenbergii</i>
³ musk turtle	<i>Sternotherus odoratus</i>
red-eared slider	<i>Trachemys scripta</i>
<u>Colubrids</u>	
³ ring necked snake	<i>Colubridae</i> <i>Diadophis punctatus</i>
³ black rat snake	<i>Elaphe obsoleta</i>
³ eastern milk snake	<i>Lampropeltis triangulum</i>
smooth green snake	<i>Liophorophis vernalis</i>
³ northern water snake	<i>Naatrix sipedon</i>
brown snake	<i>Storeria dekayi</i>
red-bellied snake	<i>Storeria occipitomaculata</i>
³ eastern ribbon snake	<i>Thamnophis sauritus</i>
³ common garter snake	<i>Thamnophis sirtalis</i>
³ racer	<i>Coluber constrictor</i>
eastern hog-nosed snake	<i>Heterodon platirhinos</i>
northern copperhead	<i>Agkistrodon contortrix</i>
<u>Vipers</u>	
³ timber rattlesnake	<i>Viperidae</i> <i>Crotalus horridus</i>
<u>Skinks</u>	
five-lined skink	<i>Scincidae</i> <i>Eumeces fasciatus</i>
<u>Mole Salamanders</u>	
Jefferson salamander	<i>Ambystomatidae</i> <i>Ambystoma jeffersonianum</i>
blue-spotted salamander	<i>Ambystoma laterale</i>
³ spotted salamander	<i>Ambystoma maculatum</i>
<u>Lungless Salamanders</u>	
northern dusky salamander	<i>Plethodontidae</i> <i>Desmognathus fuscus</i>
Allegheny mountain dusky salamander	<i>Desmognathus ochrophaeus</i>
^{1,3} northern two-lined salamander	<i>Eurycea bislineata</i>
four-toed salamander	<i>Hemidactylium scutatum</i>
³ eastern red-backed salamander	<i>Plethodon cinereus</i>
³ slimy salamander	<i>Plethodon glutinosus</i>
Wehrle's salamander	<i>Plethodon wehrlei</i>
northern red salamander	<i>Pseudotriton ruber</i>
<u>Newts</u>	
³ red-spotted newt	<i>Salamandridae</i> <i>Notophthalmus viridescens</i>
<u>Toads</u>	
³ American toad	<i>Bufonidae</i> <i>Bufo americanus</i>
³ Fowler's toad	<i>Bufo fowleri</i>
<u>American Spadefoot Toads</u>	
eastern spadefoot toad	<i>Scaphiopodidae</i> <i>Scaphiopus holbrookii</i>
<u>Tree Frogs</u>	
^{1,3} gray treefrog	<i>Hylidae</i> <i>Hyla versicolor</i>
³ spring peeper	<i>Pseudacris crucifer</i>
³ northern cricket frog, eastern sub-species	<i>Acris c. crepitans</i>

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Based on 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:

	Common Name	Scientific Name
	<u>True Frogs</u>	<u>Ranidae</u>
3	bull frog	<i>Rana catesbeiana</i>
1,3	green frog	<i>Rana clamitans</i>
3	pickeral frog	<i>Rana palustris</i>
3	northern leopard frog	<i>Rana pipiens</i>
3	wood frog	<i>Rana sylvatica</i>

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Common Name	Scientific Name
Fish Species	
<u>Pikes</u>	<u>Esocidae</u>
⁴ chain pickerel	<i>Esox niger</i>
⁴ redfin pickerel	<i>Esox americanus</i>
<u>Sunfishes</u>	<u>Centrarchidae</u>
⁴ rock bass	<i>Ambloplites rupestris</i>
⁴ redbreast sunfish	<i>Lepomis auritus</i>
⁴ pumpkinseed	<i>Lepomis gibbosus</i>
⁴ smallmouth bass	<i>Micropterus dolomieu</i>
⁴ largemouth bass	<i>Micropterus salmoides</i>
⁴ stiped bass	<i>Morone saxatilis</i>
<u>Crappie</u>	
⁴ black crappie	<i>Pomoxis nigromaculatus</i>
<u>Eels</u>	
⁴ american eel	<i>Anguilla rostrata</i>
<u>Bream</u>	
⁴ bluegill	<i>Lepomis macrochirus</i>
<u>Suckers</u>	<u>Catostomidae</u>
⁴ white sucker	<i>Catostomus commersoni</i>
<u>Perches</u>	<u>Percidae</u>
⁴ tessellated darter	<i>Etheostoma olmstedii</i>
⁴ yellow perch	<i>Perca flavescens</i>
<u>Alewife</u>	
⁴ Alewife	<i>Alosa pseudoharengus</i>
<u>Killifish</u>	
⁴ banded killifish	<i>Fundulus diaphanus</i>
<u>Carps and Minnows</u>	<u>Cyprinidae</u>
⁴ carp	<i>Cyprinus carpio</i>
⁴ cutlips minnow	<i>Exoglossum maxillingua</i>
⁴ common shiner	<i>Luxilus cornutus</i>
⁴ goldfish	<i>Carassius auratus auratus</i>
⁴ golden shiner	<i>Notemigonus crysoleucas</i>
⁴ spottail shiner	<i>Notropis hudsonicus</i>
⁴ blacknose dace	<i>Rhinichthys atratulus</i>
⁴ longnose dace	<i>Rhinichthys cataractae</i>
⁴ fall fish	<i>Semotilus corporalis</i>
⁴ creek chub	<i>Semotilus atromaculatus</i>
<u>Trout</u>	<u>Salmonidae</u>
⁴ brown trout	<i>Salmo trutta</i>
⁴ brook trout	<i>Salvelinus fontinalis</i>

Notes: Bold denotes those species actually observed on site.

¹ Species identified during on-site by EDR in 2013.

² Species identified in the NYS Breeding Bird Atlas (Survey Blocks 5960A, 5961A, 5961C, 5962C).

³ Species identified in the NYS Amphibian & Reptile Atlas Project (Pleasant Valley & Hopewell junction Quads).

⁴ Species identified by the Dutchess County's (CCEDC) Environment Program (Cornell Cooperative Extension, 2013)

⁵ Species identified by NYNHP letter correspondence, October 22, 2012