

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>	
1,2 northern flicker	<u>Picidae</u> 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>	
2 eastern wood-pewee	<u>Tyrannidae</u> <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>	
2 barn swallow	<u>Hirundinidae</u> <i>Hirundo rustica</i>
2 northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>
2 tree swallow	<i>Tachycineta bicolor</i>
<u>Jays, Crows</u>	
2 American crow	<u>Corvidae</u> <i>Corvus brachyrhynchos</i>
2 common raven	<i>Corvus corax</i>
1,2 blue jay	Cyanocitta cristata
<u>Titmice</u>	
1,2 black-capped chickadee	<u>Paridae</u> Parus atricapillus
2 tufted titmouse	<i>Parus bicolor</i>
<u>Nuthatches</u>	
1,2 white-breasted nuthatch	<u>Sittidae</u> Sitta carolinensis
<u>Wrens</u>	
2 Carolina wren	<u>Troglodytidae</u> <i>Thryothorus ludovicianus</i>
2 house wren	<i>Troglodytes aedon</i>
<u>Mimic Thrushes</u>	
1,2 gray catbird	<u>Mimidae</u> Dumetella carolinensis
2 northern mockingbird	<i>Mimus polyglottos</i>
2 brown thrasher	<i>Toxostoma rufum</i>
<u>Thrushes</u>	
2 veery	<u>Turdidae</u> <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>	
2 blue-gray gnatcatcher	<u>Sylviidae</u> <i>Poliioptila caerulea</i>
<u>Waxwings</u>	
2 cedar waxwing	<u>Bombycillidae</u> <i>Bombycilla cedrorum</i>
<u>Starlings</u>	
2 European starling	<u>Sturnidae</u> <i>Sturnus vulgaris</i>
<u>Vireos</u>	
2 warbling vireo	<u>Vireonidae</u> <i>Vireo gilvus</i>
2 blue-headed vireo	<i>Vireo solitarius</i>

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Common Name	Scientific Name
<u>Wood Warblers</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 yellow throated	<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 ruticilla</i>
2 blue-winged warbler	<i>Vermivora pinus</i>
<u>Weaver Finches</u>	
2 house sparrow	<i>Passer domesticus</i>
<u>Blackbirds</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>	
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>	
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>	
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> opossum	<u>Didelphiidae</u> <i>Didelphis virginiana</i>
<u>Shrews</u> shorttail shrew least shrew masked shrew smoky shrew	<u>Soricidae</u> <i>Blarina brevicauda</i> <i>Cryptotis parva</i> <i>Sorex cinereus</i> <i>Sorex fumeus</i>
<u>Moles</u> starnose mole hairytail mole eastern mole	<u>Talpidae</u> <i>Condylura cristata</i> <i>Parascalops breweri</i> <i>Scalopus aquaticus</i>
<u>Plainnose Bats</u> big brown bat silver-haired bat red bat hoary bat Keen myotis little brown myotis eastern pipistrelle	<u>Vespertilionidae</u> <i>Eptesicus fuscus</i> <i>Lasionycteris noctivagans</i> <i>Lasiurus borealis</i> <i>Lasiurus cinereus</i> <i>Myotis keenii</i> <i>Myotis lucifugus</i> <i>Pipistrellus subflavus</i>
5 <u>Mouse-eared Bats</u> indiana bat	<i>Myotis sodalis</i>
1 <u>Racoons</u> raccoon	<u>Procyonidae</u> <i>Procyon lotor</i>
<u>Porcupines</u> porcupine	<u>Erethizontidae</u> <i>Erethizon dorsatum</i>
<u>Weasels</u> striped skunk shorttail weasel longtail weasel mink	<u>Mustelidae</u> <i>Mephitis mephitis</i> <i>Mustela erminea</i> <i>Mustela frenata</i> <i>Mustela vison</i>
<u>Dogs, Wolves, Foxes</u> coyote gray fox red fox	<u>Canidae</u> <i>Canis latrans</i> <i>Urocyon cinereoargenteus</i> <i>Vulpes vulpes</i>
<u>Cats</u> bobcat	<u>Felidae</u> <i>Felis rufus</i>
<u>Squirrels</u> southern flying squirrel 1 woodchuck eastern gray squirrel eastern chipmunk red squirrel	<u>Sciuridae</u> <i>Glaucomys volans</i> <i>Marmota monax</i> <i>Sciurus carolinensis</i> <i>Tamias striatus</i> <i>Tamiasciurus hudsonicus</i>
<u>Beaver</u> beaver	<u>Castoridae</u> <i>Castor canadensis</i>
<u>Mice, Rats, Lemmings, Voles</u> meadow vole muskrat white-footed mouse deer mouse	<u>Cricetidae</u> <i>Microtus pennsylvanicus</i> <i>Ondatra zibethicus</i> <i>Peromyscus leucopus</i> <i>Peromyscus maniculatus</i>

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Common Name	Scientific Name
<u>Old World Rats & Mice</u> house mouse Norway rat	<u>Muridae</u> <i>Mus musculus</i> <i>Rattus norvegicus</i>
<u>Jumping Mice</u> woodland jumping mouse meadow jumping mouse	<u>Zapeoidae</u> <i>Napaeozapus insignis</i> <i>Zapus hudsonicus</i>
<u>Hares, Rabbits</u> 1 eastern cottontail	<u>Leporidae</u> <i>Sylvilagus floridanus</i>
<u>Deer</u> 1 whitetail deer	<u>Cervidae</u> <i>Odocoileus virginianus</i>
<u>Bears</u> black bear	<u>Ursidae</u> <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	<u>Chelydridae</u> <i>Chelydra serpentina</i>
<u>Box and Water Turtles</u>	
³ painted turtle	<u>Emydidae</u> <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	<u>Colubridae</u> <i>Diadophis punctatus</i>
³ black rat snake	<i>Elaphe obsoleta</i>
³ eastern milk snake	<i>Lampropeltis triangulum</i>
smooth green snake	<i>Liochlorophis vernalis</i>
³ northern water snake	<i>Natrix 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	<u>Viperidae</u> <i>Crotalus horridus</i>
<u>Skinks</u>	
five-lined skink	<u>Scincidae</u> <i>Eumeces fasciatus</i>
<u>Mole Salamanders</u>	
Jefferson salamander	<u>Ambystomatidae</u> <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	<u>Plethodontidae</u> <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	<u>Salamandridae</u> <i>Notophthalmus viridescens</i>
<u>Toads</u>	
³ American toad	<u>Bufo</u> <i>Bufo americanus</i>
³ Fowler's toad	<i>Bufo fowleri</i>
<u>American Spadefoot Toads</u>	
eastern spadefoot toad	<u>Scaphiopodidae</u> <i>Scaphiopus holbrookii</i>
<u>Tree Frogs</u>	
^{1,3} gray treefrog	<u>Hylidae</u> <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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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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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
Fish Species	
<u>Pikes</u>	
4 chain pickerel	<i>Esocidae</i> <i>Esox niger</i>
4 redfin pickerel	<i>Esox americanus</i>
<u>Sunfishes</u>	
4 rock bass	<i>Centrarchidae</i> <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>	
4 white sucker	<i>Catostomidae</i> <i>Catostomus commersoni</i>
<u>Perches</u>	
4 tessellated darter	<i>Percidae</i> <i>Etheostoma olmstedi</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>	
4 carp	<i>Cyprinidae</i> <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>	
4 brown trout	<i>Salmonidae</i> <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