



Appendix 11-A

Wildlife & Plant Species List

**Ellenburg Wind Repowering Project
Matter No. 23-03033**

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
Bird Species			
	<u>Ducks, Geese, and Waterfowl</u>	<u>Anatidae</u>	
1,5	wood duck	<i>Aix sponsa</i>	
1,3,5	mallard	<i>Anas platyrhynchos</i>	
1,3	American black duck	<i>Anas rubripes</i>	SGCN-HP
1,8	snow goose	<i>Anser caerulescens</i>	
1,3,5	Canada goose	<i>Branta canadensis</i>	
5	common goldeneye	<i>Bucephala clangula</i>	SGCN
5	common merganser	<i>Mergus merganser</i>	
	<u>Pheasants, Grouse, and Allies</u>	<u>Phasianidae</u>	
1,3,4,5	wild turkey	<i>Meleagris gallopavo</i>	
	<u>Grebes</u>	<u>Podicipedidae</u>	
3	pied-billed grebe	<i>Podilymbus podiceps</i>	ST, SGCN
	<u>Pigeons, Doves</u>	<u>Columbidae</u>	
1,3,4	rock pigeon	<i>Columba livia</i>	
1,3,5	mourning dove	<i>Zenaidura macroura</i>	
	<u>Cuckoos</u>	<u>Cuculidae</u>	
1,3,4	black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>	SGCN
	<u>Nightjars and Allies</u>	<u>Caprimulgidae</u>	
3	eastern whip-poor-will	<i>Antrostomus vociferus</i>	SSC, SGCN-HP
3	common nighthawk	<i>Chordeiles minor</i>	SSC, SGCN-HP
	<u>Swifts</u>	<u>Apodidae</u>	
3	chimney swift	<i>Chaetura pelagica</i>	
	<u>Hummingbirds</u>	<u>Trochilidae</u>	
3,4	ruby-throated hummingbird	<i>Archilochus colubris</i>	
	<u>Rails, Gallinules, and Coots</u>	<u>Rallidae</u>	
1	sora rail	<i>Porzana carolina</i>	
	<u>Plovers</u>	<u>Charadriidae</u>	
1,3	killdeer	<i>Charadrius vociferus</i>	
	<u>Sandpipers</u>	<u>Scolopacidae</u>	
3	spotted sandpiper	<i>Actitis macularius</i>	
3	Wilson's snipe	<i>Gallinago delicata</i>	
1,3,5	American woodcock	<i>Scolopax minor</i>	SGCN
	<u>Gulls, Terns</u>	<u>Laridae</u>	
1,3,5	ring-billed gull	<i>Larus delawarensis</i>	
3	American herring gull	<i>Larus smithsonianus</i>	
	<u>Loons</u>	<u>Gaviidae</u>	
5	common loon	<i>Gavia immer</i>	SSC, SGCN
	<u>Herons, Bitterns</u>	<u>Ardeidae</u>	

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Notes	Common Name	Scientific Name	Conservation Status
1,3,5	great blue heron	<i>Ardea herodias</i>	
3,5,8	American bittern	<i>Botaurus lentiginosus</i>	SSC, SGCN
3,4	green heron	<i>Butorides virescens</i>	
	<u>American Vultures</u>	<u>Cathartidae</u>	
1,3,4,5	turkey vulture	<i>Cathartes aura</i>	
	<u>Osprey</u>	<u>Pandionidae</u>	
1,5	osprey	<i>Pandion haliaetus</i>	SSC
	<u>Hawks</u>	<u>Accipitridae</u>	
3	sharp-shinned hawk	<i>Accipiter striatus</i>	SSC
1,3	Cooper's hawk	<i>Astur cooperii</i>	SSC
1,4	red-tailed hawk	<i>Buteo jamaicensis</i>	
1	rough-legged hawk	<i>Buteo lagopus</i>	
3,5	red-shouldered hawk	<i>Buteo lineatus</i>	SSC, SGCN
3	broad-winged hawk	<i>Buteo platypterus</i>	
1,3,4	northern harrier	<i>Circus hudsonius</i>	ST, SGCN
1,5	bald eagle	<i>Haliaeetus leucocephalus</i>	ST, SGCN
	<u>Owls</u>	<u>Strigidae</u>	
1	barred owl	<i>Strix varia</i>	
	<u>Kingfishers</u>	<u>Alcedinidae</u>	
1,3	belted kingfisher	<i>Megaceryle alcyon</i>	
	<u>Woodpeckers</u>	<u>Picidae</u>	
1,3,4,5	northern flicker	<i>Colaptes auratus</i>	
1,3,5	pileated woodpecker	<i>Dryocopus pileatus</i>	
1,3,5,8	downy woodpecker	<i>Dryobates pubescens</i>	
1,3,5	hairy woodpecker	<i>Dryobates villosus</i>	
1,3,4,5	yellow-bellied sapsucker	<i>Sphyrapicus varius</i>	
	<u>Falcons</u>	<u>Falconidae</u>	
1,4,5	merlin	<i>Falco columbarius</i>	
1,4,5	peregrine falcon	<i>Falco peregrinus</i>	SE, SGCN
1,3,4,5	American kestrel	<i>Falco sparverius</i>	SGCN
	<u>Tyrant Flycatchers</u>	<u>Tyrannidae</u>	
1,3	eastern wood-pewee	<i>Contopus virens</i>	
1,3,4,5	alder flycatcher	<i>Empidonax alnorum</i>	
3,4	least flycatcher	<i>Empidonax minimus</i>	
3	willow flycatcher	<i>Empidonax traillii</i>	
1,3	great crested flycatcher	<i>Myiarchus crinitus</i>	
1,3,4,5	eastern phoebe	<i>Sayornis phoebe</i>	
1,3,4	eastern kingbird	<i>Tyrannus tyrannus</i>	
	<u>Vireos</u>	<u>Vireonidae</u>	
3	yellow-throated vireo	<i>Vireo flavifrons</i>	

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1,3	warbling vireo	<i>Vireo gilvus</i>	
1,3,4,5	red-eyed vireo	<i>Vireo olivaceus</i>	
1,3,4,5	blue-headed vireo	<i>Vireo solitarius</i>	
	<u>Shrikes</u>	<u>Laniidae</u>	
1	northern shrike	<i>Lanius borealis</i>	
	<u>Jays, Crows</u>	<u>Corvidae</u>	
1,3,4,5	American crow	<i>Corvus brachyrhynchos</i>	
1,3,5	common raven	<i>Corvus corax</i>	
1,3,4,5	blue jay	<i>Cyanocitta cristata</i>	
	<u>Titmice</u>	<u>Paridae</u>	
1,3,4,5	black-capped chickadee	<i>Poecile atricapillus</i>	
	<u>Larks</u>	<u>Alaudidae</u>	
1	horned lark	<i>Eremophila alpestris</i>	SSC, SGCN-HP
	<u>Swallows</u>	<u>Hirundinidae</u>	
1,3,4	barn swallow	<i>Hirundo rustica</i>	
3,4	cliff swallow	<i>Petrochelidon pyrrhonota</i>	
3	purple martin	<i>Progne subis</i>	
3	bank swallow	<i>Riparia riparia</i>	
1,3,4	tree swallow	<i>Tachycineta bicolor</i>	
	<u>Kinglets</u>	<u>Regulidae</u>	
1,3	ruby-crowned kinglet	<i>Corthylio calendula</i>	
1,4	golden-crowned kinglet	<i>Regulus satrapa</i>	
	<u>Nuthatches</u>	<u>Sittidae</u>	
1,3,4,5	red-breasted nuthatch	<i>Sitta canadensis</i>	
1,3,5	white-breasted nuthatch	<i>Sitta carolinensis</i>	
	<u>Treecreepers</u>	<u>Certhiidae</u>	
1,3,5	brown creeper	<i>Certhia americana</i>	
	<u>Wrens</u>	<u>Troglodytidae</u>	
1	marsh wren	<i>Cistothorus palustris</i>	
1,3,4,5	northern house wren	<i>Troglodytes aedon</i>	
1,3,4,5	winter wren	<i>Troglodytes hiemalis</i>	
	<u>Starlings</u>	<u>Sturnidae</u>	
1,3,4,5	European starling	<i>Sturnus vulgaris</i>	
	<u>Mimic Thrushes</u>	<u>Mimidae</u>	
1,3,4	gray catbird	<i>Dumetella carolinensis</i>	
1	northern mockingbird	<i>Mimus polyglottos</i>	
1,3,4	brown thrasher	<i>Toxostoma rufum</i>	SGCN-HP
	<u>Thrushes and Allies</u>	<u>Turdidae</u>	
1,3	veery	<i>Catharus fuscescens</i>	

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1,3,4,5	hermit thrush	<i>Catharus guttatus</i>	
1,3,4	wood thrush	<i>Hylocichla mustelina</i>	SGCN
1,3,4,5	eastern bluebird	<i>Sialia sialis</i>	
1,3,4,5	American robin	<i>Turdus migratorius</i>	
	<u>Waxwings</u>	<u>Bombycillidae</u>	
1,3,4,5	cedar waxwing	<i>Bombycilla cedrorum</i>	
	<u>Old World Sparrows</u>	<u>Passeridae</u>	
1,3	house sparrow	<i>Passer domesticus</i>	
	<u>Finches and Allies</u>	<u>Fringillidae</u>	
3	evening grosbeak	<i>Coccothraustes vespertinus</i>	
1	house finch	<i>Haemorhous mexicanus</i>	
1,3,4,5,8	purple finch	<i>Haemorhous purpureus</i>	
1,4	red crossbill	<i>Loxia curvirostra</i>	
1	pine siskin	<i>Spinus pinus</i>	
1,3,4	American goldfinch	<i>Spinus tristis</i>	
	<u>Longspurs</u>	<u>Calcariidae</u>	
1,5	snow bunting	<i>Plectrophenax nivalis</i>	
	<u>New World Sparrows</u>	<u>Passerellidae</u>	
1,3,5,8	dark-eyed junco	<i>Junco hyemalis</i>	
3	swamp sparrow	<i>Melospiza georgiana</i>	
1,3,4,5	song sparrow	<i>Melospiza melodia</i>	
1,3,4,5	savannah sparrow	<i>Passerculus sandwichensis</i>	
1,3	eastern towhee	<i>Pipilo erythrophthalmus</i>	
3,4	vesper sparrow	<i>Poocetes gramineus</i>	SSC, SGCN-HP
1,3,4,5	chipping sparrow	<i>Spizella passerina</i>	
1,3,4	field sparrow	<i>Spizella pusilla</i>	
5	American tree sparrow	<i>Spizelloides arborea</i>	
1,3,4,5	white-throated sparrow	<i>Zonotrichia albicollis</i>	
1	white-crowned sparrow	<i>Zonotrichia leucophrys</i>	
	<u>Blackbirds</u>	<u>Icteridae</u>	
1,3,4,5	red-winged blackbird	<i>Agelaius phoeniceus</i>	
1,3,4,5	bobolink	<i>Dolichonyx oryzivorus</i>	SGCN-HP
3	rusty blackbird	<i>Euphagus carolinus</i>	SGCN-HP
3,4	Baltimore oriole	<i>Icterus galbula</i>	
1,3,4	brown-headed cowbird	<i>Molothrus ater</i>	
1,3,4,5	common grackle	<i>Quiscalus quiscula</i>	
1,3,4,5	eastern meadowlark	<i>Sturnella magna</i>	SGCN-HP

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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 Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
	<u>New World Warblers</u>	<u>Parulidae</u>	
3	Canada warbler	<i>Cardellina canadensis</i>	SGCN-HP
1,3,4,5	mourning warbler	<i>Geothlypis philadelphia</i>	
1,3,4,5	common yellowthroat	<i>Geothlypis trichas</i>	
1	Tennessee warbler	<i>Leiothlypis peregrina</i>	
1,3,4	Nashville warbler	<i>Leiothlypis ruficapilla</i>	
1,3,4	black-and-white warbler	<i>Mniotilta varia</i>	
3	northern waterthrush	<i>Parkesia noveboracensis</i>	
1,3,4,5	ovenbird	<i>Seiurus aurocapilla</i>	
1,5	northern parula	<i>Setophaga americana</i>	
5	black-throated blue warbler	<i>Setophaga caerulescens</i>	SGCN
1,3,4,5	yellow-rumped warbler	<i>Setophaga coronata</i>	
1,3,4,5	Blackburnian warbler	<i>Setophaga fusca</i>	
1,3,5	magnolia warbler	<i>Setophaga magnolia</i>	
1,3,4,5	chestnut-sided warbler	<i>Setophaga pensylvanica</i>	
1,3,4,5	yellow warbler	<i>Setophaga petechia</i>	
3,5	pine warbler	<i>Setophaga pinus</i>	
1,3,4	American redstart	<i>Setophaga ruticilla</i>	
1,5	black-throated green warbler	<i>Setophaga virens</i>	
	<u>Cardinals and Allies</u>	<u>Cardinalidae</u>	
1,3	northern cardinal	<i>Cardinalis cardinalis</i>	
1,3,4	indigo bunting	<i>Passerina cyanea</i>	
1,3,4,5	rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	
1,3	scarlet tanager	<i>Piranga olivacea</i>	SGCN
	dickcissel	<i>Spiza americana</i>	
Mammal Species			
	<u>Opossums</u>	<u>Didelphiidae</u>	
8	opossum	<i>Didelphis virginiana</i>	
	<u>Shrews</u>	<u>Soricidae</u>	
8	short-tailed shrew	<i>Blarina brevicauda</i>	
8	masked shrew	<i>Sorex cinereus</i>	
8	smoky shrew	<i>Sorex fumeus</i>	
8	pygmy shrew	<i>Sorex hoyi</i>	
	<u>Moles</u>	<u>Talpidae</u>	
8	star-nosed mole	<i>Condylura cristata</i>	
8	hairy-tailed mole	<i>Parascalops breweri</i>	
	<u>Plainnose Bats</u>	<u>Vespertilionidae</u>	
8	big brown bat	<i>Eptesicus fuscus</i>	
8	silver-haired bat	<i>Lasionycteris noctivagans</i>	SGCN
8	eastern red bat	<i>Lasiurus borealis</i>	SGCN
8	hoary bat	<i>Lasiurus cinereus</i>	SGCN
8	little brown bat	<i>Myotis lucifugus</i>	SGCN-HP

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Notes	Common Name	Scientific Name	Conservation Status
2,8	northern long-eared bat	<i>Myotis septentrionalis</i>	FE, SE, SGCN-HP
8	Indiana bat	<i>Myotis sodalis</i>	FE, SE, SGCN-HP
	<u>Procyonids</u>	<u>Procyonidae</u>	
8	raccoon	<i>Procyon lotor</i>	
	<u>Porcupines</u>	<u>Erethizontidae</u>	
8	porcupine	<i>Erethizon dorsatum</i>	
	<u>Skunks and Stink Badgers</u>	<u>Mephitidae</u>	
8	striped skunk	<i>Mephitis mephitis</i>	
	<u>Weasels</u>	<u>Mustelidae</u>	
8	river otter	<i>Lontra canadensis</i>	
8	short-tailed weasel	<i>Mustela erminea</i>	
8	long-tailed weasel	<i>Mustela frenata</i>	
8	mink	<i>Mustela vison</i>	
	<u>Dogs, Wolves, Foxes</u>	<u>Canidae</u>	
8	coyote	<i>Canis latrans</i>	
8	gray fox	<i>Urocyon cinereoargenteus</i>	
8	red fox	<i>Vulpes vulpes</i>	
	<u>Cats</u>	<u>Felidae</u>	
8	bobcat	<i>Felis rufus</i>	
	<u>Squirrels</u>	<u>Sciuridae</u>	
8	northern flying squirrel	<i>Glaucomys sabrinus</i>	
8	southern flying squirrel	<i>Glaucomys volans</i>	
8	woodchuck	<i>Marmota monax</i>	
8	eastern gray squirrel	<i>Sciurus carolinensis</i>	
8	eastern chipmunk	<i>Tamias striatus</i>	
8	red squirrel	<i>Tamiasciurus hudsonicus</i>	
	<u>Beaver</u>	<u>Castoridae</u>	
8	beaver	<i>Castor canadensis</i>	
	<u>Mice, Rats, Lemmings, Voles</u>	<u>Cricetidae</u>	
7,8	meadow vole	<i>Microtus pennsylvanicus</i>	
8	pine vole	<i>Microtus pinetorum</i>	
8	southern red-backed vole	<i>Myodes gapperi</i>	
8	muskrat	<i>Ondatra zibethicus</i>	
8	white-footed mouse	<i>Peromyscus leucopus</i>	
8	deer mouse	<i>Peromyscus maniculatus</i>	
	<u>Old World Rats & Mice</u>	<u>Muridae</u>	
8	house mouse	<i>Mus musculus</i>	
8	Norway rat	<i>Rattus norvegicus</i>	
	<u>Jumping Mice</u>	<u>Zapeoidae</u>	

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8	woodland jumping mouse	<i>Napaeozapus insignis</i>	
8	meadow jumping mouse	<i>Zapus hudsonicus</i>	
	<u>Hares, Rabbits</u>	<u>Leporidae</u>	
8	snowshoe hare	<i>Lepus americanus</i>	
8	eastern cottontail	<i>Sylvilagus floridanus</i>	
	<u>Deer</u>	<u>Cervidae</u>	
8	moose	<i>Alces alces</i>	
8	white-tailed deer	<i>Odocoileus virginianus</i>	
	<u>Bears</u>	<u>Ursidae</u>	
8	black bear	<i>Ursus americanus</i>	
Amphibian Species			
	<u>Mole Salamanders</u>	<u>Ambystomatidae</u>	
8,9	spotted salamander	<i>Ambystoma maculatum</i>	
	<u>Newts</u>	<u>Salamandridae</u>	
8,9	red-spotted newt	<i>Notophthalmus viridescens</i>	
	<u>Aquatic Salamanders</u>	<u>Proteidae</u>	
9	mudpuppy	<i>Necturus maculosus</i>	SGCN
	<u>Lungless Salamanders</u>	<u>Plethodontidae</u>	
9	northern dusky salamander	<i>Desmognathus fuscus</i>	
9	Allegheny mountain dusky salamander	<i>Desmognathus ochrophaeus</i>	
9	northern two-lined salamander	<i>Eurycea bislineata</i>	
8,9	spring salamander	<i>Gyrinophilus porphyriticus</i>	
8,9	eastern red-backed salamander	<i>Plethodon cinereus</i>	
	<u>Tree Frogs</u>	<u>Hylidae</u>	
8,9	gray treefrog	<i>Hyla versicolor</i>	
8,9	spring peeper	<i>Pseudacris crucifer</i>	
	<u>Toads</u>	<u>Bufonidae</u>	
8,9	American toad	<i>Anaxyrus americanus</i>	
	<u>True Frogs</u>	<u>Ranidae</u>	
8,9	bull frog	<i>Lithobates catesbeianus</i>	
9	green frog	<i>Lithobates clamitans</i>	
9	northern leopard frog	<i>Lithobates pipiens</i>	
9	mink frog	<i>Lithobates septentrionalis</i>	
8,9	wood frog	<i>Lithobates sylvaticus</i>	
Reptile Species			
	<u>Snapping Turtles</u>	<u>Chelydridae</u>	
8,9	common snapping turtle	<i>Chelydra serpentina</i>	SGCN

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Notes	Common Name	Scientific Name	Conservation Status
	<u>Box and Water Turtles</u>	<u>Emydidae</u>	
8	painted turtle	<i>Chrysemys picta</i>	
	<u>Colubrids</u>	<u>Colubridae</u>	
9	brown snake	<i>Storeria dekayi</i>	
9	red-bellied snake	<i>Storeria occipitomaculata</i>	
9	eastern ribbon snake	<i>Thamnophis sauritus</i>	SGCN
8,9	common garter snake	<i>Thamnophis sirtalis</i>	
Terrestrial Mollusk Species			
	<u>Land Slugs</u>	<u>Agriolimacidae</u>	
8	milky slug	<i>Deroceras reticulatum</i>	
	<u>Roundback Slugs</u>	<u>Arionidae</u>	
8	western dusky slug	<i>Arion subfuscus</i>	
	<u>Keelback Slugs</u>	<u>Limacidae</u>	
8	leopard slug	<i>Limax maximus</i>	
	<u>Mantleslugs</u>	<u>Philomycidae</u>	
8	toga mantleslug	<i>Philomycus togatus</i>	
	<u>Helix Snails</u>	<u>Helicidae</u>	
8	white-lipped snail	<i>Cepaea hortensis</i>	
8	brown-lipped snail	<i>Cepaea nemoralis</i>	
	<u>Amber Snails</u>	<u>Succineidae</u>	
8	common European amber snail	<i>Succinea putris</i>	
Segmented Worm Species			
	<u>Earthworms</u>	<u>Lumbricidae</u>	
8	black-headed worm	<i>Aporrectodea longa</i>	
8	common earthworm	<i>Lumbricus terrestris</i>	
Centipede and Millepede Species			
	<u>Stone Centipedes</u>	<u>Lithobiidae</u>	
8	brown centipede	<i>Lithobius forficatus</i>	
	<u>Flat-Backed Millipedes</u>	<u>Paradoxosomatidae</u>	
8	greenhouse millipede	<i>Oxidus gracilis</i>	
	<u>House Centipedes</u>	<u>Scutigerae</u>	
8	house centipede	<i>Scutigera coleoptrata</i>	
	<u>Spirobold Millipedes</u>	<u>Spiroboldidae</u>	
8	American giant millipede	<i>Narceus americanus</i>	
	<u>Keeled Millipedes</u>	<u>Xystodesmidae</u>	
8	black-and-gold flat millipede	<i>Apheloria virginensis</i>	
8	a millipede	<i>Rudiloria trimaculata</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
Terrestrial Crustacean Species			
	<u>Pill Woodlice</u>	<u>Armadillidiidae</u>	
8	nosy pill woodlouse	<i>Armadillidium nasatum</i>	
8	common pill woodlouse	<i>Armadillidium vulgare</i>	
	<u>Sowbugs</u>	<u>Oniscidae</u>	
8	common shiny woodlouse	<i>Oniscus asellus</i>	
8	brickwork woodlouse	<i>Porcellio spinicornis</i>	
	<u>Philosciid Woodlice</u>	<u>Philosciidae</u>	
8	common striped woodlouse	<i>Philoscia muscorum</i>	
	<u>Porcellionid Woodlice</u>	<u>Porcellionidae</u>	
8	common rough woodlouse	<i>Porcellio scaber</i>	
Arachnid Species			
	<u>Hardbacked Ticks</u>	<u>Ixodidae</u>	
8	deer tick	<i>Ixodes scapularis</i>	
	<u>Sclerosomatid Harvestmen</u>	<u>Sclerosomatidae</u>	
8	eastern harvestman	<i>Leiobunum vittatum</i>	
	<u>Funnel Weavers</u>	<u>Agelenidae</u>	
8	barn funnel weaver	<i>Tegenaria domestica</i>	
	<u>Orbweavers</u>	<u>Araneidae</u>	
8	cross orbweaver	<i>Araneus diadematus</i>	
8	marbled orbweaver	<i>Araneus marmoreus</i>	
8	shamrock orbweaver	<i>Araneus trifolium</i>	
8	yellow garden spider	<i>Argiope aurantia</i>	
8	banded garden spider	<i>Argiope trifasciata</i>	
	<u>Sac Spiders</u>	<u>Cheiracanthiidae</u>	
8	northern yellow sac spider	<i>Cheiracanthium mildei</i>	
	<u>Sheet Web Weavers</u>	<u>Linyphiidae</u>	
8	filmy dome spider	<i>Neriene radiata</i>	
	<u>Wolf Spiders</u>	<u>Lycosidae</u>	
8	wetland giant wolf spider	<i>Tigrosa helluo</i>	
	<u>Cellar Spiders</u>	<u>Pholcidae</u>	
8	long-bodied cellar spider	<i>Pholcus phalangioides</i>	
	<u>Nurse Web Spiders</u>	<u>Pisauridae</u>	
8	dark fishing spider	<i>Dolomedes tenebrosus</i>	
8	striped fishing spider	<i>Dolomedes scriptus</i>	
8	six-spotted fishing spider	<i>Dolomedes triton</i>	
8	American nursery web spider	<i>Pisaurina mira</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
	<u>Jumping Spiders</u>	<u>Salticidae</u>	
8	bold jumping spider	<i>Phidippus audax</i>	
8	tan jumping spider	<i>Platycryptus undatus</i>	
	<u>Cobweb Spiders</u>	<u>Theridiidae</u>	
8	common house spider	<i>Parasteatoda tepidariorum</i>	
	<u>Crab Spiders</u>	<u>Thomisidae</u>	
8	goldenrod crab spider	<i>Misumena vatia</i>	
Springtail Species			
	<u>Hypogastrurid Springtails</u>	<u>Hypogastruridae</u>	
8	snowflea	<i>Hypogastrura nivicola</i>	
	<u>Slender Springtails</u>	<u>Entomobryidae</u>	
8	a slender springtail	<i>Lepidocyrtus paradoxus</i>	
Insect Species			
	<u>Burrowing Mayflies</u>	<u>Ephemeridae</u>	
8	giant mayfly	<i>Hexagenia limbata</i>	
	<u>Darners</u>	<u>Aeshnidae</u>	
8	lance-tipped darner	<i>Aeshna constricta</i>	
8	common green darner	<i>Anax junius</i>	
	<u>Skimmers</u>	<u>Libellulidae</u>	
8	eastern pondhawk	<i>Erythemis simplicicollis</i>	
8	twelve-spotted skimmer	<i>Libellula pulchella</i>	
8	blue dasher	<i>Pachydiplax longipennis</i>	
8	common whitetail	<i>Plathemis lydia</i>	
8	autumn meadowhawk	<i>Sympetrum vicinum</i>	
	<u>Narrow-Winged Damselflies</u>	<u>Coenagrionidae</u>	
8	blue-fronted dancer	<i>Argia apicalis</i>	
	aurora damsel	<i>Chromagrion conditum</i>	
8	familiar bluet	<i>Enallagma civile</i>	
8	fragile forktail	<i>Ischnura posita</i>	
8	eastern forktail	<i>Ischnura verticalis</i>	
	<u>Short-Horned Grasshoppers</u>	<u>Acrididae</u>	
8	green-striped grasshopper	<i>Chortophaga viridifasciata</i>	
8	Carolina grasshopper	<i>Dissosteira carolina</i>	
8	two-striped grasshopper	<i>Melanoplus bivittatus</i>	
8	pine-tree spur-throat grasshopper	<i>Melanoplus punctulatus</i>	
	<u>Crickets</u>	<u>Gryllidae</u>	
8	fall field cricket	<i>Gryllus pennsylvanicus</i>	
	<u>Katydids</u>	<u>Tettigoniidae</u>	
8	short-winged meadow katydid	<i>Conocephalus brevipennis</i>	
8	drumming katydid	<i>Meconema thalassinum</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
8	greater anglewing	<i>Microcentrum rhombifolium</i>	
8	black-legged meadow katydid	<i>Orchelimum nigripes</i>	
8	common true katydid	<i>Pterophylla camellifolia</i>	
8	fork-tailed bush katdid	<i>Scudderia furcata</i>	
	<u>Green Lacewings</u>	<u>Chrysopidae</u>	
8	a green lacewing	<i>Chrysopa oculata</i>	
	<u>Earwigs</u>	<u>Forficulidae</u>	
8	European earwig	<i>Forficula auricularia</i>	
	<u>Walking Sticks</u>	<u>Diapheromeridae</u>	
8	northern walking stick	<i>Diapheromera femorata</i>	
	<u>Mantids</u>	<u>Mantidae</u>	
8	praying mantis	<i>Mantis religiosa</i>	
8	Chinese mantis	<i>Tenodera sinensis</i>	
	<u>Cockroaches</u>	<u>Blattidae</u>	
8	Pennsylvania wood cockroach	<i>Parcoblatta pennsylvanica</i>	
8	American cockroach	<i>Periplaneta americana</i>	
	<u>Aphids</u>	<u>Aphididae</u>	
8	oleander aphid	<i>Aphis nerii</i>	
8	sumac gall aphid	<i>Melaphis rhois</i>	
8	poplar petiole gall aphid	<i>Pemphigus populitransversus</i>	
8	wooly alder aphid	<i>Prociphilus tessellatus</i>	
	<u>True Spittlebugs</u>	<u>Aphrophoridae</u>	
8	meadow spittlebug	<i>Philaenus spumarius</i>	
	<u>Typical Leafhoppers</u>	<u>Cicadellidae</u>	
8	three-banded leafhopper	<i>Erythroneura tricincta</i>	
8	privet leafhopper	<i>Fieberiella florii</i>	
8	red-banded leafhopper	<i>Graphocephala coccinea</i>	
8	coppery leafhopper	<i>Jikradia olitoria</i>	
8	Japanese leafhopper	<i>Orientus ishidae</i>	
	<u>Planthoppers</u>	<u>Flatidae</u>	
8	citrus flatid planthopper	<i>Metcalfa pruinosa</i>	
	<u>Typical Cicadas</u>	<u>Cicadidae</u>	
8	northern dog-day cicada	<i>Neotibicen canicularis</i>	
8	Linne's cicada	<i>Neotibicen linnei</i>	
8	lyric cicada	<i>Neotibicen lyricen</i>	
	<u>Clastopterid Spittlebugs</u>	<u>Clastopteridae</u>	
8	dogwood spittlebug	<i>Clastoptera proteus</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
	<u>Leaf-Footed Bugs</u>	<u>Coreidae</u>	
8	a leaf-footed bug	<i>Acanthocephala terminalis</i>	
8	western conifer seed bug	<i>Leptoglossus occidentalis</i>	
	<u>Seed Bugs</u>	<u>Lygaeidae</u>	
8	small milkweed bug	<i>Lygaeus kalmii</i>	
8	large milkweed bug	<i>Oncopeltus fasciatus</i>	
	<u>Plant Bugs</u>	<u>Miridae</u>	
8	tarnished plant bug	<i>Lygus lineolaris</i>	
8	four-lined plant bug	<i>Poecilocapsus lineatus</i>	
8	a plant bug	<i>Prepops insitivus</i>	
	<u>Stink Bugs</u>	<u>Pentatomidae</u>	
8	green stinkbug	<i>Chinavia hilaris</i>	
8	brown marmorated stink bug	<i>Halyomorpha halys</i>	
	<u>Assassin Bugs</u>	<u>Reduviidae</u>	
8	jagged ambush bug	<i>Phymata americana</i>	
8	masked hunter	<i>Reduvius personatus</i>	
8	pale green assassin bug	<i>Zelus luridus</i>	
	<u>Scentless Plant Bugs</u>	<u>Rhopalidae</u>	
8	eastern box elder bug	<i>Boisea trivittata</i>	
	<u>Leaf Beetles</u>	<u>Chrysomelidae</u>	
8	dogbane leaf beetle	<i>Chrysochus auratus</i>	
8	swamp milkweed leaf beetle	<i>Labidomera clivicollis</i>	
8	Colorado potato beetle	<i>Leptinotarsa decemlineata</i>	
8	viburnum leaf beetle	<i>Pyrrhalta viburni</i>	
	<u>Longhorn Beetles</u>	<u>Cerambycidae</u>	
8	white-spotted pine sawyer	<i>Monochamus scutellatus</i>	
8	red-shouldered pine borer	<i>Stictoleptura canadensis</i>	
8	red milkweed beetle	<i>Tetraopes tetrophthalmus</i>	
	<u>Lady Beetles</u>	<u>Coccinellidae</u>	
8	seven-spotted lady beetle	<i>Coccinella septempunctata</i>	
8	fourteen-spotted lady beetle	<i>Propylea quatuordecimpunctata</i>	
	<u>Click Beetles</u>	<u>Elateriae</u>	
8	eastern eyed click beetle	<i>Alaus oculatus</i>	
8	black-collared click beetle	<i>Ampedus nigricollis</i>	
8	a click beetle	<i>Conoderus lividus</i>	
8	a click beetle	<i>Sylvanelater cylindriformis</i>	
	<u>Firefly Beetles</u>	<u>Lampyridae</u>	
8	winter firefly	<i>Ellychnia corrusca</i>	
8	black firefly	<i>Lucidota atra</i>	
	<u>Weevils</u>	<u>Curculionidae</u>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
8	Canada thistle weevil	<i>Larinus carlinae</i>	
8	black vine weevil	<i>Otiorhynchus sulcatus</i>	
8	green immigrant leaf weevil	<i>Polydrusus formosus</i>	
	<u>Scarabs</u>	<u>Scarabaeidae</u>	
8	American rose chafer	<i>Macrodactylus subspinosus</i>	
8	rough hermit beetle	<i>Osmoderma scabra</i>	
8	grapevine beetle	<i>Pelidnota punctata</i>	
8	Japanese beetle	<i>Popillia japonica</i>	
	<u>Carrion Beetles</u>	<u>Silphidae</u>	
8	American carrion beetle	<i>Necrophila americana</i>	
8	pustulated carrion beetle	<i>Nicrophorus pustulatus</i>	
8	tomentose burying beetle	<i>Nicrophorus tomentosus</i>	
8	marginated carrion beetle	<i>Oiceoptoma noveboracense</i>	
	<u>Rove Beetles</u>	<u>Staphylinidae</u>	
8	gold-and-brown rove beetle	<i>Ontholestes cingulatus</i>	
	<u>Honeybees, Bumblebees</u>	<u>Apidae</u>	
8	honey bee	<i>Apis mellifera</i>	
8	two-spotted bumble bee	<i>Bombus bimaculatus</i>	
8	brown-belted bumble bee	<i>Bombus griseocollis</i>	
8	common eastern bumble bee	<i>Bombus impatiens</i>	
8	eastern carpenter bee	<i>Xylocopa virginica</i>	
	<u>Gall Wasps</u>	<u>Cynipidae</u>	
8	hedgehog gall wasp	<i>Acraspis erinacei</i>	
8	spongy oak apple gall wasp	<i>Amphibolips confluenta</i>	
8	oak apple gall wasp	<i>Amphibolips cookii</i>	
8	larger empty oak apple wasp	<i>Amphibolips quercusinanis</i>	
8	acorn plum gall wasp	<i>Amphibolips quercusjuglans</i>	
8	oak rough bulletgall wasp	<i>Disholcaspis quercusmamma</i>	
8	mossy rose gall wasp	<i>Diplolepis rosae</i>	
	<u>Ants</u>	<u>Formicidae</u>	
8	New York carpenter ant	<i>Camponotus novaeboracensis</i>	
8	eastern black carpenter ant	<i>Camponotus pennsylvanicus</i>	
8	larger yellow ant	<i>Lasius interjectus</i>	
8	small honey ant	<i>Prenolepis imparis</i>	
8	odorous house ant	<i>Tapinoma sessile</i>	
8	immigrant pavement ant	<i>Tetramorium immigrans</i>	
	<u>Ichneumonid Wasps</u>	<u>Ichneumonidae</u>	
8	black giant ichneumonid wasp	<i>Megarhyssa atrata</i>	
8	long-tailed giant incneumonid wasp	<i>Megarhyssa macrurus</i>	
	<u>Hornets, Paper Wasps</u>	<u>Vespidae</u>	
8	common aerial yellow jacket	<i>Dolichovespula arenaria</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
8	bald-faced hornet	<i>Dolichovespula maculata</i>	
8	European paper wasp	<i>Polistes dominula</i>	
8	dark paper wasp	<i>Polistes fuscatus</i>	
	<u>Crambid Snout Moths</u>	<u>Crambidae</u>	
8	white-spotted sable	<i>Anania funebris</i>	
8	elegant grass-veneer	<i>Microcrambus elegans</i>	
8	basswood leafroller moth	<i>Pantographa limata</i>	
	<u>Pyralid Moths</u>	<u>Pyralidae</u>	
8	meal moth	<i>Pyralis farinalis</i>	
	<u>Plume Moths</u>	<u>Pterophoridae</u>	
8	morning-glory plume moth	<i>Emmelina monodactyla</i>	
	<u>Tussock Moths</u>	<u>Erebidae</u>	
8	yellow-collared scape moth	<i>Cisseps fulvicollis</i>	
8	Virginia ctenucha moth	<i>Ctenucha virginica</i>	
8	milkweed tussock moth	<i>Euchaetes egle</i>	
8	banded tussock moth	<i>Halysidota tessellaris</i>	
8	clymene moth	<i>Haploa clymene</i>	
8	confused haploa moth	<i>Haploa confusa</i>	
8	Leconte's haploa moth	<i>Haploa lecontei</i>	
8	giant leopard moth	<i>Hypercompe scribonia</i>	
8	hickory tussock moth	<i>Lophocampa caryae</i>	
8	spongy moth	<i>Lymantria dispar</i>	
8	ruby tiger	<i>Phragmatobia fuliginosa</i>	
8	wooly bear	<i>Pyrrharctia isabella</i>	
8	spotted grass moth	<i>Rivula propinqualis</i>	
	<u>Geometer Moths</u>	<u>Geometridae</u>	
8	pale beauty	<i>Campaea perlata</i>	
8	blackberry looper moth	<i>Chlorochlamys chloroleucaria</i>	
8	bent-lined carpet	<i>Costaconvexa centrostrigaria</i>	
8	bad-wing moth	<i>Dyspteris abortivaria</i>	
8	maple spanworm moth	<i>Ennomos magnaria</i>	
8	elm spanworm moth	<i>Ennomos subsignaria</i>	
8	chickweed geometer moth	<i>Haematopis grataria</i>	
8	common spring moth	<i>Heliomata cycladata</i>	
8	lesser maple spanworm moth	<i>Macaria pustularia</i>	
8	horned spanworm moth	<i>Nematocampa resistaria</i>	
8	porcelain gray	<i>Protoboarmia porcelaria</i>	
8	wavy-lined emerald	<i>Synchlora aerata</i>	
8	white-striped black	<i>Trichodezia albovittata</i>	
	<u>Skippers</u>	<u>Hesperiidae</u>	
8	least skipper	<i>Ancyloxypha numitor</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
8	silver-spotted skipper	<i>Epargyreus clarus</i>	
8	dun skipper	<i>Euphyes vestris</i>	
8	long dash	<i>Polites mystic</i>	
8	Peck's skipper	<i>Polites peckius</i>	
8	Essex skipper	<i>Thymelicus lineola</i>	
	<u>Lappet Moths</u>	<u>Lasiocampidae</u>	
8	eastern tent caterpillar	<i>Malacosoma americana</i>	
8	forest tent caterpillar	<i>Malacosoma disstria</i>	
	<u>Gossamer-Winged Butterflies</u>	<u>Lycaenidae</u>	
8	summer azure	<i>Celastrina neglecta</i>	
8	eastern tailed blue	<i>Cupido comyntas</i>	
8	small copper	<i>Lycaena phlaeas</i>	
8	banded hairstreak	<i>Satyrium calanus</i>	
	<u>Cutworm Moths and Allies</u>	<u>Noctuidae</u>	
8	eight-spotted forester moth	<i>Alypia octomaculata</i>	
8	common looper moth	<i>Autographa precatationis</i>	
8	beautiful wood-nymph	<i>Eudryas grata</i>	
8	bristly cutworm moth	<i>Lacinipolia renigera</i>	
8	green leuconycta moth	<i>Leuconycta diptheroides</i>	
8	large yellow underwing	<i>Noctua pronuba</i>	
	<u>Brush-footed Butterflies</u>	<u>Nymphalidae</u>	
8	common wood-nymph	<i>Cercyonis pegala</i>	
8	common ringlet	<i>Coenonympha californica</i>	
6,8,10	monarch	<i>Danaus plexippus</i>	FPT
8	Baltimore checkerspot	<i>Euphydryas phaeton</i>	
8	Appalachian brown	<i>Lethe appalachia</i>	
8	viceroys	<i>Limenitis archippus</i>	
8	American white admiral	<i>Limenitis arthemis</i>	
8	little wood satyr	<i>Megisto cymela</i>	
8	mourning cloak	<i>Nymphalis antiopa</i>	
8	Compton tortoiseshell	<i>Nymphalis l-album</i>	
8	northern crescent	<i>Phyciodes cocyta</i>	
8	pearl crescent	<i>Phyciodes tharos</i>	
8	eastern comma	<i>Polygonia comma</i>	
8	question mark	<i>Polygonia interrogationis</i>	
8	great spangled fritillary	<i>Speyeria cybele</i>	
8	red admiral	<i>Vanessa atalanta</i>	
8	painted lady	<i>Vanessa cardui</i>	
8	American lady	<i>Vanessa virginiensis</i>	
	<u>Swallowtails</u>	<u>Papilionidae</u>	
8	giant swallowtail	<i>Papilio cresphontes</i>	
8	eastern tiger swallowtail	<i>Papilio glaucus</i>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
8	black swallowtail	<i>Papilio polyxenes</i>	
8	spicebush swallowtail	<i>Papilio troilus</i>	
	<u>White, Yellows, Sulfurs</u>	<u>Pieridae</u>	
8	clouded sulphur	<i>Colias philodice</i>	
8	cabbage white	<i>Pieris rapae</i>	
	<u>Giant Silk Moths</u>	<u>Saturniidae</u>	
8	luna moth	<i>Actias luna</i>	
8	polyphemus moth	<i>Antheraea polyphemus</i>	
8	cecropia moth	<i>Hyalophora cecropia</i>	
	<u>Sphinx Moths</u>	<u>Sphingidae</u>	
8	walnut sphinx	<i>Amorpha juglandis</i>	
8	waved sphinx	<i>Ceratomia undulosa</i>	
8	snowberry clearwing	<i>Hemaris diffinis</i>	
8	hummingbird clearwing	<i>Hemaris thysbe</i>	
8	apple sphinx	<i>Sphinx gordius</i>	
8	laurel sphinx	<i>Sphinx kalmiae</i>	
	<u>Fungus Moths</u>	<u>Tineidae</u>	
8	dark acrolophus	<i>Acrolophus mora</i>	
	<u>Robber Flies</u>	<u>Asilidae</u>	
8	a robber fly	<i>Dioctria hyalipennis</i>	
8	a robber fly	<i>Efferia aestuans</i>	
8	bumble bee mimic robber fly	<i>Laphria thoracica</i>	
	<u>Bee Flies</u>	<u>Bombyliidae</u>	
8	greater bee fly	<i>Bombylius major</i>	
8	tiger bee fly	<i>Xenox tigrinus</i>	
	<u>Gall and Forest Midges</u>	<u>Cecidomyiidae</u>	
8	ash bullet gall midge	<i>Dasineura pellex</i>	
8	willow pinecone gall midge	<i>Rabdophaga strobiloides</i>	
8	goldenrod bunch gall midge	<i>Rhopalomyia solidaginis</i>	
	<u>Thick-Headed Flies</u>	<u>Conopidae</u>	
8	eastern physocephala	<i>Physocephala tibialis</i>	
8	a thick-headed fly	<i>Physoconops obscuripennis</i>	
	<u>Mosquitoes</u>	<u>Culicidae</u>	
8	Asian bush mosquito	<i>Aedes japonicus</i>	
8	inland floodwater mosquito	<i>Aedes vexans</i>	
8	northern house mosquito	<i>Culex pipiens</i>	
	gallinipper	<i>Psorophora ciliata</i>	
	<u>House Flies</u>	<u>Muscidae</u>	
8	house fly	<i>Musca domestica</i>	
	<u>Snipe Flies</u>	<u>Rhagionidae</u>	

WILDLIFE SPECIES LIST

Based on existing data, on-site surveys, and/or the availability of suitable habitat, the following species could occur in the Facility Study Area at some time during the year:

Notes	Common Name	Scientific Name	Conservation Status
8	golden-backed snipe fly	<i>Chrysopilus thoracicus</i>	
8	marsh snipe fly	<i>Rhagio tringarius</i>	
	<u>Hover Flies</u>	<u>Syrphidae</u>	
8	black-shouldered drone fly	<i>Eristalis dimidiata</i>	
8	common drone fly	<i>Eristalis tenax</i>	
8	long-nosed swamp fly	<i>Eurimyia stipata</i>	
8	narrow-headed marsh fly	<i>Helophilus fasciatus</i>	
8	Narcissus bulb fly	<i>Merodon equestris</i>	
8	eastern calligrapher	<i>Toxomerus geminatus</i>	
8	margined calligrapher	<i>Toxomerus marginatus</i>	
8	maize calligrapher	<i>Toxomerus politus</i>	
	<u>Deer Flies, Horse Flies</u>	<u>Tabanidae</u>	
8	striped deer fly	<i>Chrysops vittatus</i>	
8	black horse fly	<i>Tabanus atratus</i>	
	<u>Fruit Flies</u>	<u>Tephritidae</u>	
8	goldenrod gall fly	<i>Eurosta solidaginis</i>	
8	a tephritid fly	<i>Procecidochares atra</i>	
8	walnut husk maggot fly	<i>Rhagoletis suavis</i>	
	<u>Large Crane Flies</u>	<u>Tipulidae</u>	
8	ferruginous tiger crane fly	<i>Nephrotoma ferruginea</i>	
8	giant crane fly	<i>Tipula abdominalis</i>	
8	European crane fly	<i>Tipula paludosa</i>	

WILDLIFE SPECIES LIST

Notes and Sources

Notes

1. Species identified during on-site avian surveys conducted by WSP in 2024.
2. Species identified during on-site ecological surveys conducted by Skelly and Loy in 2024.
3. Species identified in the USGS Breeding Bird Survey (Ellenburg and Sciota Routes).
4. Species identified in the NYS Breeding Bird Atlas (Survey Blocks Brainardsville NE, Chateaugay SE, Churubusco SE, Churubusco SW, Ellenburg Center NE, and Ellenburg Center NW).
5. Reported by eBird users in the vicinity of the Facility Study Area.
6. Identified in the USFWS's IPaC Official Species List as potentially occurring at or near the Facility Study Area.
7. Reported by iNaturalist users within or adjacent to the Facility Study Area.
8. Likely to occur in the vicinity of the Facility Study Area based on information from NYSDEC, NatureServe Explorer, iNaturalist, and/or the American Society of Mammalogists.
9. Species identified in the NYS Amphibian & Reptile (Herp) Atlas Project (Brainardsville, Chateaugay, Churubusco, and Ellenburg Center Quads).
10. The monarch butterfly is proposed for federal listing as threatened. Under Title 6 NYCRR Part 182.3(a), all native species present or formerly present in New York and listed as endangered or threatened by the U.S. Department of the Interior in the Code of Federal Regulations will be included on New York's list of endangered or threatened species. Therefore, it is expected that sometime in the future, the monarch butterfly will have a New York State status of threatened.

Conservation Status Codes

FE - Federally Endangered Species

FPT - Proposed for Federal Listing as Threatened

SE - NYS Endangered Species

ST - NYS Threatened Species

SSC - NYS Species of Special Concern

SGCN - NYS Species of Greatest Conservation Need

SGCN-HP - NYS Species of Greatest Conservation Need – High Priority

Sources:

American Society of Mammalogists (ASM). 2025. *Mammal Species List Search: New York*. Available at: <http://www.mammalogy.org/mammals-list> (Accessed June 2025).

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WILDLIFE SPECIES LIST

Notes and Sources

NYSDEC. 2023. *New York State Breeding Bird Atlas* . Bureau of Wildlife. Available at: <https://www.dec.ny.gov/animals/7312.html> (Accessed June 2025).

NYSDEC. 2025. *Herp Atlas Project* . Available at: <https://dec.ny.gov/nature/animals-fish-plants/amphibians-reptiles/herp-atlas-project> (Accessed June 2025).

Ziolkowski Jr., D.J., M. Lutmerding, V.I. Aponte, and M-A.R. Hudson. 2023. *North American Breeding Bird Survey Dataset: Ellenburg and Sciota Survey Routes 2018-2023*. United States Geological Survey, Patuxent Wildlife Research Center.

PLANT SPECIES LIST

Observed On-Site During TRC and Skelly and Loy Surveys, 2022-2024

Notes	Family	Scientific Name	Common Name	Conservation Rank
	Amaranthaceae	<i>Chenopodium album</i>	lambs-quarters	SNA
	Apiaceae	<i>Daucus carota</i>	Queen Anne's lace	SNA
	Apocynaceae	<i>Asclepias syriaca</i>	common milkweed	S5
	Aquifoliaceae	<i>Ilex verticillata</i>	common winterberry	S5
	Asteraceae	<i>Ambrosia artemesiifolia</i>	ragweed	S5
	Asteraceae	<i>Arctium minus</i>	common burdock	SNA
	Asteraceae	<i>Bidens</i> spp.	other beggar-ticks	SNA
	Asteraceae	<i>Cirsium vulgare</i>	bull thistle	SNA
	Asteraceae	<i>Eupatorium perfoliatum</i>	common boneset	S5
	Asteraceae	<i>Euthamia graminifolia</i>	flat-topped goldenrod	S5
	Asteraceae	<i>Eutrochium maculatum</i>	joe-pye weed	S5
	Asteraceae	<i>Solidago altissima</i>	tall goldenrod	S5
	Asteraceae	<i>Solidago canadensis</i>	Canada goldenrod	S5
	Asteraceae	<i>Solidago</i> spp.	other goldenrods	SNR
	Asteraceae	<i>Symphotrichum lanceolatum</i>	lance-leaved aster	S5
	Asteraceae	<i>Symphotrichum lateriflorum</i>	calico aster	S5
	Asteraceae	<i>Symphotrichum novae-angliae</i>	New England aster	S5
	Asteraceae	<i>Symphotrichum novi-belgii</i>	New York aster	S5
	Asteraceae	<i>Taraxacum officinale</i>	dandelion	SNA
	Balsaminaceae	<i>Impatiens capensis</i>	spotted jewelweed	S5
	Betulaceae	<i>Alnus incana</i>	speckled alder	S5
	Betulaceae	<i>Betula alleghaniensis</i>	yellow birch	S5
	Betulaceae	<i>Betula populifolia</i>	gray birch	S5
	Betulaceae	<i>Carpinus caroliniana</i>	musclewood	S5
	Brassicaceae	<i>Capsella bursa-pastoris</i>	shepherd's purse	SNA
1	Caprifoliaceae	<i>Lonicera japonica</i>	Japanese honeysuckle	SNA
	Caryophyllaceae	<i>Cerastium arvense</i>	field chickweed	SNA
	Cornaceae	<i>Cornus amomum</i>	silky dogwood	S5
	Cornaceae	<i>Cornus racemosa</i>	gray dogwood	S5
	Cornaceae	<i>Cornus sericea</i>	red osier dogwood	S5
	Cyperaceae	<i>Carex gynandra</i>	nodding sedge	S5
	Cyperaceae	<i>Carex intumescens</i>	bladder sedge	S5
	Cyperaceae	<i>Carex lurida</i>	sallow sedge	S5
	Cyperaceae	<i>Carex scoparia</i>	broom sedge	S5
	Cyperaceae	<i>Carex vulpinoidea</i>	fox sedge	S5
	Cyperaceae	<i>Carex</i> spp.	other sedges	SNA
	Cyperaceae	<i>Eleocharis</i> spp.	spike rushes	SNR
	Cyperaceae	<i>Eriophorum</i> sp.	cotton grass	SNR

PLANT SPECIES LIST

Observed On-Site During TRC and Skelly and Loy Surveys, 2022-2024

Notes	Family	Scientific Name	Common Name	Conservation Rank
	Cyperaceae	<i>Schoenoplectus tabernaemontani</i>	soft-stemmed bulrush	S5
	Cyperaceae	<i>Scirpus atrovirens</i>	green bulrush	S5
	Cyperaceae	<i>Scirpus cyperinus</i>	woolgrass	S5
	Dennstaedtiaceae	<i>Dennstaedtia punctilobula</i>	hay-scented fern	S5
	Dryopteridaceae	<i>Dryopteris intermedia</i>	evergreen woodfern	S5
	Equisetaceae	<i>Equisetum arvense</i>	field horsetail	S5
	Equisetaceae	<i>Equisetum sylvaticum</i>	woodland horsetail	S5
	Ericaceae	<i>Chamaedaphne calyculata</i>	leatherleaf	S5
	Ericaceae	<i>Vaccinium corymbosum</i>	highbush blueberry	S5
	Fabaceae	<i>Medicago sativa</i>	alfafa	SNA
	Fabaceae	<i>Securigera varia</i>	crown-vetch	SNA
	Fabaceae	<i>Trifolium pratense</i>	red clover	SNA
	Fabaceae	<i>Trifolium repens</i>	white clover	SNA
	Fabaceae	<i>Vicia americana</i>	American vetch	SNR
	Fagaceae	<i>Fagus grandifolia</i>	American beech	S5
	Juncaceae	<i>Juncus effusus</i>	soft rush	S5
	Juncaceae	<i>Juncus tenuis</i>	path rush	S5
	Lamiaceae	<i>Mentha spicata</i>	spearmint	SNA
	Oleaceae	<i>Fraxinus pennsylvanica</i>	green ash	S5
	Onagraceae	<i>Epilobium ciliatum</i>	fringed willowherb	S5
	Onagraceae	<i>Epilobium coloratum</i>	eastern willowherb	S5
	Onocleaceae	<i>Onoclea sensibilis</i>	sensitive fern	S5
	Osmundaceae	<i>Osmunda claytonia</i>	interrupted fern	S5
	Osmundaceae	<i>Osmunda regalis</i>	royal fern	S5
	Osmundaceae	<i>Osmundastrum cinnamomeum</i>	cinnamon fern	S5
	Pinaceae	<i>Abies balsamea</i>	balsam fir	S5
	Pinaceae	<i>Picea mariana</i>	black spruce	S5
	Pinaceae	<i>Pinus sylvestris</i>	Scotch pine	SNA
	Pinaceae	<i>Tsuga canadensis</i>	eastern hemlock	S5
	Plantaginaceae	<i>Plantago lanceolata</i>	English plantain	SNA
	Poaceae	<i>Agrostis gigantea</i>	redtop	SNA
	Poaceae	<i>Anthoxanthum odoratum</i>	sweet vernal grass	SNA
	Poaceae	<i>Dactylis glomerata</i>	orchard grass	SNA
	Poaceae	<i>Echinochloa crus-galli</i>	Eurasian barnyard grass	SNA
	Poaceae	<i>Echinochloa muricata</i>	American barnyard grass	S5
	Poaceae	<i>Lolium perenne</i>	rye grass	SNA
	Poaceae	<i>Phalaris arundinacea</i>	reed canary grass	SNR
	Poaceae	<i>Phleum pratense</i>	timothy	SNA

PLANT SPECIES LIST

Observed On-Site During TRC and Skelly and Loy Surveys, 2022-2024

Notes	Family	Scientific Name	Common Name	Conservation Rank
1	Poaceae	<i>Phragmites australis</i>	common reed	SNA
	Poaceae	<i>Poa pratensis</i>	Kentucky bluegrass	SNA
	Poaceae	<i>Poa</i> spp.	other blue grasses	SNR
	Poaceae	<i>Zea mays</i>	corn	SNA
	Polygonaceae	<i>Persicaria maculosa</i>	spotted lady's-thumb	SNA
	Polygonaceae	<i>Persicaria pennsylvanica</i>	Pennsylvania smartweed	S5
	Polygonaceae	<i>Persicaria sagittata</i>	arrow-leaf tearthumb	S5
	Polygonaceae	<i>Rumex crispus</i>	curly dock	SNA
	Polygonaceae	<i>Rumex obtusifolius</i>	bitter dock	SNA
	Ranunculaceae	<i>Ranunculus acris</i>	tall buttercup	SNA
	Ranunculaceae	<i>Ranunculus caricetorum</i>	bristly buttercup	S5
	Ranunculaceae	<i>Ranunculus repens</i>	creeping buttercup	SNA
	Ranunculaceae	<i>Thalictrum</i> spp.	meadow-rues	SNA
	Rosaceae	<i>Crataegus crus-galli</i>	cockspur hawthorn	S5
	Rosaceae	<i>Fragaria vesca</i>	woodland strawberry	S5
	Rosaceae	<i>Fragaria virginiana</i>	common wild strawberry	S5
	Rosaceae	<i>Malus domestica</i>	apple	SNA
	Rosaceae	<i>Prunus serotina</i>	black cherry	S5
	Rosaceae	<i>Rubus allegheniensis</i>	common blackberry	S5
	Rosaceae	<i>Rubus hispidus</i>	bristly dewberry	S5
	Rosaceae	<i>Rubus</i> spp.	other brambles	SNR
	Rosaceae	<i>Spiraea alba</i>	meadowsweet	S5
	Rosaceae	<i>Spiraea tomentosa</i>	steeplebush	S5
	Rubiaceae	<i>Galium album</i>	hedge bedstraw	SNA
	Rubiaceae	<i>Galium palustre</i>	marsh bedstraw	S5
	Salicaceae	<i>Populus balsamifera</i>	balsam poplar	S4S5
	Salicaceae	<i>Populus tremuloides</i>	quaking aspen	S5
	Salicaceae	<i>Salix bebbiana</i>	Bebb's willow	S5
	Salicaceae	<i>Salix nigra</i>	black willow	S5
	Sapindaceae	<i>Acer negundo</i>	box elder	S5
	Sapindaceae	<i>Acer rubrum</i>	common red maple	S5
	Sapindaceae	<i>Acer saccharum</i>	sugar maple	S5
	Solanaceae	<i>Solanum carolinense</i>	horsenettle	S5
	Typhaceae	<i>Typha angustifolia</i>	narrowleaf cattail	S5
	Typhaceae	<i>Typha latifolia</i>	broadleaf cattail	S5
	Ulmaceae	<i>Ulmus americana</i>	American elm	S5
	Urticaceae	<i>Boehmeria cylindrica</i>	false nettle	S5
	Verbenaceae	<i>Verbena hastata</i>	blue vervain	S5

PLANT SPECIES LIST

Observed On-Site During TRC and Skelly and Loy Surveys, 2022-2024

Notes	Family	Scientific Name	Common Name	Conservation Rank
	Viburnaceae	<i>Sambucus nigra</i>	common elderberry	S5

PLANT SPECIES LIST

Notes and Sources

Nomenclature follows the New York Flora Atlas (Werier et al., 2025).

Notes:

1. This species is listed as a prohibited invasive species in New York State (NYSDEC, 2014).

State Conservation Ranks:

S5 Demonstrably secure in New York State. Common; widespread and abundant.

SNA Species for which a rank is not applicable.

SNR Not yet ranked.

Sources:

New York State Department of Environmental Conservation (NYSDEC). 2014. *6 NYCRR Part 575, Prohibited and Regulated Invasive Species*. September 10, 2014.

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