

September 21, 2020

Kevin Molnar  
Director of Design  
Fareri Associates  
2 Dearfield Drive  
Greenwich, CT 06831

Re: Vegetation & Wildlife Survey Services  
Westchester BioScience & Technology Center – North 60 DEIS

Dear Mr. Molnar:

In response to the Town of Mount Pleasant DEIS Completeness Response, William Kenny Associates (WKA) completed additional vegetation and wildlife surveys in 2020 at the North 60 property regarding observed and likely present vegetation, reptiles, amphibians and birds to supplement the 2018 spring surveys. The 2018 field investigations occurred in winter and spring and the 2020 surveys were conducted in spring and summer to provide a more comprehensive analysis, which includes the breeding season and critical segments of the growing season. The investigation methods and results follow.

In summary, no New York Natural Heritage Program (NYNHP) or United States Fish and Wildlife Service (USFWS) listed species were observed onsite and all observed vegetation and wildlife are common to the region. Based on site conditions and the results of our vegetation, reptile and amphibian surveys, it is not expected that listed species are likely to utilize the site. Though listed birds may utilize the site as migratory stopover, listed breeding birds are not likely to utilize the site and none were observed onsite. Please refer to the tables at the end of this letter for an updated list of observed vegetation and observed and/or potentially occurring wildlife onsite. These tables supersede vegetation and wildlife lists submitted in the DEIS.

### ***Vegetation Survey***

Three vegetation surveys were conducted during the 2020 growing season to inventory groundcover, shrub, vine and tree species throughout the site. Surveys in 2020 occurred in June, July and August to supplement the 2018 winter and spring field investigations. Observations were made on foot while walking systematically throughout the site and include each previously identified ecological community (refer to *WKA Ecological Assessment report for Property Z169 Mount Pleasant, New York*, dated May 25, 2018). Transects were made from north to south, east to west and within ecological community transition zones. Observed vegetation from 2018 and 2020 surveys are listed in Table 1.

The observed vegetation onsite is common to the ecological communities onsite and the broader ecoregion. No NYNHP or USFWS listed species were observed.

### ***Reptile Survey***

Three reptile surveys were conducted in 2020 with a focus on turtle species. Per the DEIS Completeness Response, the potential presence of wood turtles was specifically analyzed. Surveys were conducted in accordance with *Survey Methodology for the Detection of Wood Turtles (Glyptemys insculpta)*, dated 2013. The surveys occurred in late spring and early summer, to supplement the spring 2018 field investigations, the time in which wood turtles would be likely utilizing onsite wetlands and watercourses. Surveying was conducted with two to three staff members walking simultaneously within the watercourses and within approximately 30 feet of the banks. This method was designed to consider onsite characteristics (i.e. the width of the bordering wetlands) and accounted both upland and wetland potential habitats. The entire length of each watercourse was traversed from north to south (walking upstream) to minimize the impact from turbidity. Inspections for reptiles were conducted through visual observations. A final survey was conducted in August in deference to other potential turtles or reptiles.

No wood turtles or other turtle species were observed during 2018 and 2020 surveys. Lack of observed turtles is consistent with topographic features of the site and the lack of preferred habitat for turtles common to the region. In general, the banks of the watercourses are very steep slopes, which limit the ability of turtles to access the streams. Additionally, the site lacks suitable habitat for other turtles known to exist in the area, such as the wood turtle and the endangered (NYNHP listing) and threatened (USFWS listing) bog turtle. As discussed in the 2020 DEIS Submission, it is not likely for the bog turtle to be present onsite due to the lack of mucky substrate or emergent wetlands on the property (refer to the 2020 DEIS Submission for additional detail). Wood turtle habitat preferences include tributaries with bordering riparian areas, in addition to streams within the vicinity of native meadows and forests. While the stream habitat characteristics are preferential, the lack of suitable adjacent habitat (absence of riparian areas and lack of native meadows) likely create an unsuitable habitat for wood turtles. As such, it is not expected to find wood turtles onsite, consistent with the results of our surveys. Other turtles common to the region may be present onsite; however, were not observed during surveys. Refer to Table 2 for a list of potentially occurring turtles and other observed and/or potentially occurring reptiles.

### ***Amphibian Survey***

An amphibian survey was conducted in accordance with methods described in *Environmental Survey Report for ORNL: Reptile and Amphibian Abundance and Distribution Survey Oak Ridge National Environmental Research Park* drafted for the Oak Ridge National Laboratory and managed by the United States Department of Energy, dated December 2009. These surveys occurred in concert with the reptile surveys and utilized the same transects. Probable amphibian habitat was investigated by overturning rocks and rotting logs within the wetlands, watercourses and upland areas and through visual and audible observations within pooled portions of the wetlands and watercourses to assess the presence of amphibian eggs, larvae or adults.

Observed amphibia are common for the onsite wetland ecological communities and for the broader ecoregion. No NYNHP or USFWS listed species were observed. Refer to Table 2 for a list of all observed and/or potentially occurring amphibians.

### ***Aquatic Wildlife***

Additional observations were made during the 2020 reptile and amphibian surveys, which provided information related to onsite and potentially onsite aquatic wildlife. Several species of small, warmwater finfish were observed, as well as crustaceans such as the virile crayfish (*Faxonius virilis*) and mollusks such as the western dusky slug (*Arion fuscus*) within interspersed pool and riffle sections of the onsite watercourses. The onsite streams consist of boulders, gravels and sands, are fast moving relatively clean waters and are fed in several locations by cold groundwater seeping from abandoned wells. Warm water human tolerant species that are probable to utilize the site include black nose dace (*Rhinichthys atratulus*), white sucker (*Catostomus commersonii*), and common shiner (*Luxilus cornutus*). No additional species identification or surveys were conducted.

### ***Bird Survey***

A June 23, 2020 bird survey was conducted by an avian specialist consultant Stefan Martin, with a focus on potential breeding birds onsite. A thorough bird survey was conducted during the breeding season to search for any state listed bird species in accordance with the Rare Animal Status List through the NYNHP and the USFWS listed birds. Surveys were conducted by on foot while walking systematically through each ecological community. Direct observations were made visually and audibly.

No NYNHP or USFWS listed bird species were observed during the survey. Breeding activity was observed for five bird species common to the region. Based on the extensive presences of invasive vines, shrubs and groundcovers, the potential for the site to provide suitable habitat for breeding listed birds is low. The continued spread of the invasive vegetation overtime, if left unmanaged, will further reduce the suitable habitat for breeding and impact the available food source for breeding birds. Brown thrasher, red-shouldered hawk and cooper's hawk are the listed state listed breeders mostly likely to be found at the site (due to the known presence in the area); however, based on site conditions, it is not likely for these species to utilize the site and none were observed during field investigation. The site would likely primarily be used as a migratory stopover for any state listed species, though none were observed onsite. Refer to Table 3 for a list of observed and/or potentially occurring birds.

### ***Additional Site Observations***

The project site has large areas with dense invasive vegetation which serves to create stands of monoculture vegetation or areas of dense vines and woody shrubs that outcompete the native vegetation. As such, suitable habitat onsite for specialist species is restricted. If left unmanaged, the invasive vegetation will continue to outcompete native vegetation throughout the site. Additionally, the site is more suitable for species tolerant of human disturbance. The surrounding residences, businesses, roads and other developments separate the project site from

other large tracts of land or corridors and therefore limits species migration to the site. Finally, the site is absent of significant variation in topography, which would provide habitat opportunities for a wider range of vegetation and wildlife.

***Conclusions***

We completed additional vegetation and wildlife surveys to supplement the surveys conducted in 2018 for the 2020 DEIS submission for the proposed Westchester BioScience & Technology Center in Mount Pleasant, New York. Observed vegetation and wildlife is common to the region and no NYNHP or USFWS listed vegetation or wildlife species were observed during field investigations. Based on site conditions and the results of our vegetation, reptile and amphibian surveys, it is not expected that listed species are likely to utilize the site. Though listed birds may utilize the site as migratory stopover, listed breeding birds are not likely to utilize the site and none were observed onsite. If you should have any questions or comments, please do not hesitate to contact us at (203) 366-0588.

Sincerely,



William L. Kenny, PWS, PLA  
Principal



Carolyn Matthews  
ESA Certified Ecologist  
ISA Certified Arborist

**Table One: Observed Vegetation**

<b>SCIENTIFIC NAME</b>	<b>COMMON NAME</b>
<b>Trees</b>	
<i>Acer negundo</i>	Box elder maple
<i>Acer palmatum</i>	Japanese maple
<i>Acer platanoides</i>	Norway maple
<i>Acer rubrum</i>	Red maple
<i>Acer saccharum</i>	Sugar maple
<i>Ailanthus altissima</i>	Tree of heaven
<i>Betula lenta</i>	Black birch
<i>Carpinus caroliniana</i>	American hornbeam
<i>Carya glabra</i>	Pignut hickory
<i>Carya ovata</i>	Shagbark hickory
<i>Carya tomentosa</i>	Mockernut Hickory
<i>Catalpa speciosa</i>	Northern catalpa
<i>Cornus florida</i>	Flowering dogwood
<i>Crataegus phaenopyrum</i>	Washington hawthorn
<i>Fagus grandifolia</i>	American beech
<i>Fraxinus americana</i>	White ash
<i>Fraxinus pennsylvanica</i>	Green ash
<i>Hamamelis virginiana</i>	Witch hazel
<i>Ilex opaca</i>	American holly
<i>Juniperus virginiana</i>	Eastern red cedar
<i>Liriodendron tulipifera</i>	Tulip tree
<i>Nyssa sylvatica</i>	Black tupelo
<i>Pinus strobus</i>	Eastern white pine
<i>Prunus serotina</i>	Black cherry
<i>Quercus alba</i>	White oak
<i>Quercus bicolor</i>	Swamp white oak
<i>Quercus palustris</i>	Pin oak
<i>Quercus rubra</i>	Red oak
<i>Quercus velutina</i>	Black oak
<i>Robinia pseudoacacia</i>	Black locust
<i>Salix spp.</i>	Willow species
<i>Sassafras albidum</i>	Sassafras
<i>Tsuga canadensis</i>	Eastern hemlock
<i>Ulmus americana</i>	American elm
<b>Shrubs and Vines</b>	
<i>Alnus glutinosa</i>	Common alder
<i>Alnus serrulate</i>	Smooth alder
<i>Ampelopsis glandulosa</i> var. <i>brevipedunculata</i>	Porcelain berry
<i>Berberis thunbergii</i>	Japanese barberry
<i>Celastrus orbiculatus</i>	Oriental bittersweet
<i>Euonymus alatus</i>	Winged euonymus
<i>Hamamelis virginiana</i>	Witch hazel
<i>Hedera helix</i>	English ivy
<i>Ligustrum vulgare</i>	Common privet
<i>Lindera benzoin</i>	Spicebush

<i>Lonicera morrowii</i>	Morrow's honeysuckle
<i>Parthenocissus quinquefolia</i>	Virginia creeper
<i>Rhamnus cathartica</i>	Common buckthorn
<i>Rhododendron maximum</i>	Rosebay rhododendron
<i>Rosa multiflora</i>	Multiflora rose
<i>Rubus phoenicolasius</i>	Wineberry
<i>Smilax rotundifolia</i>	Green brier
<i>Toxicodendron radicans</i>	Poison ivy
<i>Viburnum dentatum</i> var. <i>recognitum</i>	Northern arrowwood viburnum
<i>Viburnum dilatatum</i>	Linden viburnum
<i>Viburnum plicatum</i>	Japanese snowball
<i>Vitis labrusca</i>	Fox grape
<i>Vitis riparia</i> Michx	Riverbank grape

### **Herbaceous Species**

<i>Aegopodium podagraria</i>	Goutweed
<i>Ambrosia trifida</i>	Giant ragweed
<i>Arisaema triphyllum</i>	Jack-in-the-pulpit
<i>Artemisia vulgaris</i>	Common mugwort
<i>Asclepias syriaca</i>	Common milkweed
<i>Athyrium filix-femina</i>	Lady fern
<i>Cardamine impatiens</i>	Narrow-leaved bitter-cress
<i>Carex blanda</i>	Common woodland sedge
<i>Carex cephalophora</i>	Oval-headed sedge
<i>Carex scoparia</i>	Pointed broom sedge
<i>Carex stricta</i>	Tussock sedge
<i>Circaea lutetiana</i>	Broad-leaved enchanter's nightshade
<i>Dichanthelium clandestinum</i>	Deer-tongue grass
<i>Dryopteris</i> spp.	Wood ferns
<i>Epilobium ciliatum</i>	Fringed willowherb
<i>Erigeron annuus</i>	Annual fleabane
<i>Erigeron strigosus</i>	Daisy fleabane
<i>Erythronium americanum</i>	Trout lily
<i>Eupatorium perfoliatum</i>	Common Boneset
<i>Eurybia divaricate</i>	White wood aster
<i>Eutrochium purpureum</i>	Sweet Joe-Pye weed
<i>Festuca arundinacea</i>	Tall fescue
<i>Geum canadense</i>	White avens
<i>Hackelia virginiana</i>	Stickseed
<i>Helleborus foetidus</i>	Bear's foot
<i>Juncus effuses</i>	Soft rush
<i>Lobelia siphilitica</i>	Great blue lobelia
<i>Lythrum salicaria</i>	Purple loosestrife
<i>Maianthemum canadense</i>	Canada mayflower
<i>Maianthemum racemosum</i>	False Solomon's seal
<i>Medicago lupulina</i>	Black Medick
<i>Microstegium vimineum</i>	Japanese stilt-grass
<i>Onoclea sensibilis</i>	Sensitive fern
<i>Osmunda claytoniana</i>	Interrupted fern
<i>Pachysandra terminalis</i>	Japanese pachysandra
<i>Parathelypteris noveboracensis</i>	New York fern
<i>Persicaria longiseta</i>	Low smartweed
<i>Persicaria perfoliate</i>	Mile-a-minute weed

<i>Persicaria virginiana</i>	<i>American jumpseed</i>
<i>Phalaris arundinacea</i>	<i>Reed canary grass</i>
<i>Phragmites australis</i>	<i>Common reed</i>
<i>Phytolacca americana</i>	<i>American pokeweed</i>
<i>Pilea pumila</i>	<i>Canadian clearweed</i>
<i>Poa pratensis</i>	<i>Kentucky blue-grass</i>
<i>Polystichum acrostichoides</i>	<i>Christmas fern</i>
<i>Rumex obtusifolius</i>	<i>Broad-leaved dock</i>
<i>Scirpus cyperinus</i>	<i>Woolgrass</i>
<i>Solidago spp.</i>	<i>Late goldenrod</i>
<i>Symplocarpus foetidus</i>	<i>Skunk cabbage</i>
<i>Thalictrum occidentale</i>	<i>Western meadow-rue</i>
<i>Trifolium pratense</i>	<i>Red clover</i>
<i>Trifolium repens</i>	<i>White clover</i>
<i>Vicia tetrasperma</i>	<i>Smooth tare</i>
<i>Vicia villosa</i>	<i>Hairy vetch</i>

**Table Two: Wildlife Observed or Potentially Utilizing North 60 Property**

SCIENTIFIC NAME	COMMON NAME	PROPERTY USE		LISTED SPECIES	
		OBSERVED	POTENTIAL	NYNHP	USFWS
<b>Amphibians</b>					
<i>Anaxyrus americanus americanus</i>	Eastern American toad		✓	NL	NL
<i>Eurycea bislineata</i>	Northern two-lined salamander	✓		NL	NL
<i>Lithobates catesbeianus</i>	Bull frog		✓	NL	NL
<i>Lithobates clamitans</i>	Green frog	✓		NL	NL
<i>Plethodon cinereus</i>	Red-backed salamander		✓	NL	NL
<i>Pseudacris crucifer</i>	Northern spring peeper		✓	NL	NL
<b>Reptiles</b>					
<i>Chelydra serpentina</i>	Snapping turtle		✓	NL	NL
<i>Diadophis punctatus edwardsii</i>	Northern ringneck snake		✓	NL	NL
<i>Storeria dekayi</i>	Northern brown snake		✓	NL	NL
<i>Storeria occipitomaculata occipitomaculata</i>	Northern redbelly snake		✓	NL	NL
<i>Terrapene carolina</i>	Eastern box turtle		✓	SC	NL
<i>Thamnophis sirtalis sirtalis</i>	Eastern garter snake		✓	NL	NL
<b>Mammals</b>					
<i>Blarina brevicauda</i>	Northern short-tailed shrew		✓	NL	NL
<i>Canis latrans</i>	Coyote		✓	NL	NL
<i>Didelphis virginiana</i>	Virginia opossum		✓	NL	NL
<i>Glaucomys volans</i>	Southern flying squirrel		✓	NL	NL
<i>Marmota monax</i>	Woodchuck		✓	NL	NL
<i>Mephitis mephitis</i>	Striped skunk		✓	NL	NL
<i>Microtus pennsylvanicus</i>	Meadow vole		✓	NL	NL
<i>Neovision vision</i>	American mink	✓		NL	NL
<i>Odocoileus virginianus</i>	White-tailed deer	✓		NL	NL
<i>Peromyscus leucopus</i>	White-Footed mouse		✓	NL	NL
<i>Procyon lotor</i>	Raccoon	✓		NL	NL
<i>Scalopus aquaticus</i>	Eastern mole		✓	NL	NL
<i>Sciurus carolinensis</i>	Gray squirrel	✓		NL	NL
<i>Sciurus vulgaris</i>	Red squirrel		✓	NL	NL
<i>Sorex cinereus</i>	Masked shrew		✓	NL	NL
<i>Sylvilagus floridanus</i>	Eastern cottontail	✓		NL	NL

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<i>Tamias striatus</i>	<i>Eastern chipmunk</i>	✓		NL	NL
<i>Urocyon cinereoargenteus</i>	<i>Gray fox</i>		✓	NL	NL
<i>Vulpes Vulpes</i>	<i>Red fox</i>	✓		NL	NL

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*Abbreviation Notes*

- E*    *Endangered Species*
- NL*   *Not Listed Species*
- SC*   *Special Concern Species*
- T*    *Threatened Species*

**Table Three: Bird Species Observed or Potentially Utilizing North 60 Property**

SCIENTIFIC NAME	COMMON NAME	PROPERTY USE		LISTED SPECIES		BREEDING ACTIVITY
		OBSERVED	POTENTIAL	NYNHP	USFWS	
<b>Birds</b>						
<i>Accipiter cooperii</i>	Cooper's hawk		✓	SC	NL	
<i>Accipiter gentilis</i>	Northern goshawk		✓	SC	NL	
<i>Accipiter striatus</i>	Sharp-shinned hawk		✓	SC	NL	
<i>Aegolius funereus</i>	Northern saw-whet owl		✓	NL	NL	
<i>Agelaius phoeniceus</i>	Red-winged blackbird	✓		NL	NL	
<i>Ammodramus savannarum</i>	Grasshopper sparrow		✓	SC	NL	
<i>Archilochus colubris</i>	Ruby-throated hummingbird		✓	NL	NL	
<i>Ardea herodias</i>	Great blue heron		✓	NL	NL	
<i>Asio otus</i>	Long eared owl		✓	NL	NL	
<i>Baeolophus bicolor</i>	Tufted titmouse	✓		NL	NL	
<i>Bombycilla cedrorum</i>	Cedar waxwing	✓		NL	NL	
<i>Bubo scandiacus</i>	Great horned owl		✓	NL	NL	
<i>Buteo jamaicensis</i>	Red-tailed hawk	✓		NL	NL	FY
<i>Buteo lineatus</i>	Red-shouldered hawk		✓	SC	NL	
<i>Buteo platypterus</i>	Broad-winged hawk		✓	NL	NL	
<i>Butorides virescens</i>	Green heron		✓	NL	NL	
<i>Cardellina canadensis</i>	Canada warbler		✓	NL	NL	
<i>Cardellina pusilla</i>	Wilson's warbler		✓	NL	NL	
<i>Cardinalis cardinalis</i>	Northern cardinal	✓		NL	NL	
<i>Cathartes aura</i>	Turkey vulture	✓		NL	NL	
<i>Catharus bicknelli</i>	Bicknell's thrush		✓	SC	NL	
<i>Catharus fuscescens</i>	Veery		✓	NL	NL	
<i>Catharus guttatus</i>	Hermit thrush		✓	NL	NL	
<i>Catharus minimus</i>	Gray-cheeked thrush		✓	NL	NL	
<i>Catharus ustulatus</i>	Swainson's thrush		✓	NL	NL	
<i>Certhia americana</i>	Brown creeper		✓	NL	NL	
<i>Chaetura pelagica</i>	Chimney swift	✓		NL	NL	
<i>Charadrius vociferus</i>	Killdeer		✓	NL	NL	
<i>Circus hudsonius</i>	Northern harrier		✓	NL	NL	
<i>Coccyzus americanus</i>	Yellow-billed cuckoo		✓	NL	NL	
<i>Coccyzus erythrophthalmus</i>	Black-billed cuckoo		✓	NL	NL	
<i>Colaptes auratus</i>	Northern flicker	✓		NL	NL	
<i>Columba livia</i>	Rock pidgeon		✓	NL	NL	
<i>Contopus cooperi</i>	Olive-sided flycatcher		✓	NL	NL	
<i>Contopus virens</i>	Eastern wood-pewee		✓	NL	NL	
<i>Coragyps atratus</i>	Black vulture		✓	NL	NL	
<i>Corvus brachyrhynchos</i>	American crow	✓		NL	NL	FY

<i>Corvus corax</i>	Common raven		✓	NL	NL	
<i>Corvus ossifragus</i>	Fish crow	✓		NL	NL	
<i>Cyanocitta cristata</i>	Blue jay	✓		NL	NL	FY
<i>Dolichonyx oryzivorus</i>	Bobolink		✓	NL	NL	
<i>Dryobates pubescens</i>	Downy woodpecker		✓	NL	NL	
<i>Dryobates villosus</i>	Hairy woodpecker		✓	NL	NL	
<i>Dryocopus pileatus</i>	Piliated woodpecker		✓	NL	NL	
<i>Dumetella carolinensis</i>	Gray catbird	✓		NL	NL	CF
<i>Empidonax alnorum</i>	Alder flycatcher	✓		NL	NL	
<i>Empidonax flaviventris</i>	Yellow-bellied flycatcher		✓	NL	NL	
<i>Empidonax minimus</i>	Least flycatcher		✓	NL	NL	
<i>Empidonax traillii</i>	Willow flycatcher		✓	NL	NL	
<i>Empidonax virescens</i>	Acadian flycatcher		✓	NL	NL	
<i>Euphagus carolinus</i>	Rusty blackbird		✓	NL	NL	
<i>Falco columbarius</i>	Merlin		✓	NL	NL	
<i>Falco peregrinus</i>	Peregrine falcon		✓	E	NL	
<i>Falco sparverius</i>	American kestrel		✓	NL	NL	
<i>Geothlypis Formosa</i>	Kentucky warbler		✓	NL	NL	
<i>Geothlypis philadelphia</i>	Mourning warbler		✓	NL	NL	
<i>Geothlypis trichas</i>	Common yellowthroat	✓		NL	NL	
<i>Haemorhous mexicanus</i>	House finch	✓		NL	NL	
<i>Haemorhous purpureus</i>	Purple finch		✓	NL	NL	
<i>Haliaeetus leucocephalus</i>	Bald eagle		✓	T	NL	
<i>Helmitheros vermivorm</i>	Worm-eating warbler		✓	NL	NL	
<i>Hirundo rustica</i>	Barn swallow	✓		NL	NL	
<i>Hylocichla mustelina</i>	Wood thrush	✓		NL	NL	
<i>Icteria virens</i>	Yellow-breasted chat		✓	SC	NL	
<i>Icterus galbula</i>	Baltimore oriole		✓	NL	NL	
<i>Icterus spurius</i>	Orchard oriole		✓	NL	NL	
<i>Junco hyemalis</i>	Dark-eyed junco		✓	NL	NL	
<i>Leiothlypis celata</i>	Orange-crowned warbler		✓	NL	NL	
<i>Leiothlypis peregrina</i>	Tennessee warbler		✓	NL	NL	
<i>Leiothlypis ruficapilla</i>	Nashville warbler		✓	NL	NL	
<i>Megascops asio</i>	Eastern screech-owl		✓	NL	NL	
<i>Melanerpes carolinus</i>	Red-bellied woodpecker	✓		NL	NL	
<i>Melanerpes erythrocephalus</i>	Red-headed woodpecker		✓	SC	NL	
<i>Meleagris gallopavo</i>	Eastern wild turkey		✓	NL	NL	
<i>Melospiza melodia</i>	Song sparrow	✓		NL	NL	

<i>Mimus polyglottos</i>	Northern mockingbird	✓	NL	NL
<i>Mniotilta varia</i>	Black-and-white warbler	✓	NL	NL
<i>Molothrus ater</i>	Brown headed cowbird	✓	NL	NL
<i>Myiarchus crinitus</i>	Great crested flycatcher	✓	NL	NL
<i>Oporornis agilis</i>	Connecticut warbler	✓	NL	NL
<i>Pandion haliaetus</i>	Osprey	✓	SC	NL
<i>Parkesia motacilla</i>	Louisiana waterthrush	✓	NL	NL
<i>Parkesia noveboracensis</i>	Northern waterthrush	✓	NL	NL
<i>Passer domesticus</i>	House sparrow	✓	NL	NL
<i>Passerculus sandwichensis</i>	Savannah sparrow	✓	NL	NL
<i>Passerella iliaca</i>	Fox sparrow	✓	NL	NL
<i>Passerina caerulea</i>	Blue Grosbeak	✓	NL	NL
<i>Passerina cyanea</i>	Indigo bunting	✓	NL	NL
<i>Pheucticus ludovicianus</i>	Rose breasted grosbeak	✓	NL	NL
<i>Pipilo erythrophthalmus</i>	Eastern towhee	✓	NL	NL
<i>Piranga olivacea</i>	Scarlet tanager	✓	NL	NL
<i>Poecile atricapillus</i>	Black-capped chickadee	✓	NL	NL
<i>Polioptila caerulea</i>	Blue-gray gnatcatcher	✓	NL	NL
<i>Pooecetes gramineus</i>	Vesper sparrow	✓	SC	NL
<i>Protonotaria citrea</i>	Prothonotary warbler	✓	NL	NL
<i>Quiscalus quiscula</i>	Common grackle	✓	NL	NL
<i>Regulus calendula</i>	Ruby-crowned kinglet	✓	NL	NL
<i>Regulus satrapa</i>	Golden-crowned kinglet	✓	NL	NL
<i>Sayornis phoebe</i>	Eastern phoebe	✓	NL	NL
<i>Scolopax minor</i>	American woodcock	✓	NL	NL
<i>Seiurus aurocapilla</i>	Ovenbird	✓	NL	NL
<i>Setophaga americana</i>	Northern parula	✓	NL	NL
<i>Setophaga caerulescens</i>	Black-throated blue warbler	✓	NL	NL
<i>Setophaga castanea</i>	Bay-breasted warbler	✓	NL	NL
<i>Setophaga cerulea</i>	Cerulean warbler	✓	SC	NL
<i>Setophaga citrina</i>	Hooded warbler	✓	NL	NL
<i>Setophaga coronata</i>	Yellow-rumped warbler	✓	NL	NL
<i>Setophaga discolor</i>	Prairie warbler	✓	NL	NL
<i>Setophaga fusca</i>	Blackburnian warbler	✓	NL	NL
<i>Setophaga magnolia</i>	Magnolia warbler	✓	NL	NL
<i>Setophaga palmarum</i>	Palm warbler	✓	NL	NL

<i>Setophaga pensylvanica</i>	Chestnut-sided warbler		✓	NL	NL
<i>Setophaga petechia</i>	Yellow warbler	✓		NL	NL CF
<i>Setophaga pinus</i>	Pine warbler		✓	NL	NL
<i>Setophaga ruticilla</i>	American redstart		✓	NL	NL
<i>Setophaga striata</i>	Blackpoll warbler		✓	NL	NL
<i>Setophaga tigrina</i>	Cape May warbler		✓	NL	NL
<i>Setophaga virens</i>	Black-throated green warbler		✓	NL	NL
<i>Sialia sialis</i>	Eastern bluebird		✓	NL	NL
<i>Sitta carolinensis</i>	White-breasted nuthatch	✓		NL	NL
<i>Sphyrapicus varius</i>	Yellow-bellied sapsucker		✓	NL	NL
<i>Spinus pinus</i>	Pine siskin		✓	NL	NL
<i>Spinus tristis</i>	American goldfinch	✓		NL	NL
<i>Spiza americana</i>	Dickcissel		✓	NL	NL
<i>Spizella pallida</i>	Clay-colored sparrow		✓	NL	NL
<i>Spizella passerina</i>	Chipping sparrow		✓	NL	NL
<i>Spizella pusilla</i>	Field sparrow		✓	NL	NL
<i>Spizelloides arborea</i>	American tree sparrow		✓	NL	NL
<i>Stelgidopteryx serripennis</i>	Northern rough-winged swallow		✓	NL	NL
<i>Strix varia</i>	Barred owl		✓	NL	NL
<i>Sturnella magna</i>	Eastern meadowlark		✓	NL	NL
<i>Sturnus vulgaris</i>	European starling		✓	NL	NL
<i>Tachycineta bicolor</i>	Tree swallow	✓		NL	NL
<i>Thryothorus ludovicianus</i>	Carolina wren	✓		NL	NL
<i>Toxostoma rufum</i>	Brown thrasher		✓	NL	NL
<i>Troglodytes aedon</i>	House wren		✓	NL	NL
<i>Troglodytes hiemalis</i>	Winter wren		✓	NL	NL
<i>Turdus migratorius</i>	American robin	✓		NL	NL
<i>Tyrannus tyrannus</i>	Eastern kingbird		✓	NL	NL
<i>Vermivora cyanoptera</i>	Blue winged warbler	✓		NL	NL
<i>Vireo flavifrons</i>	Yellow-throated vireo		✓	NL	NL
<i>Vireo gilvus</i>	Warbling vireo		✓	NL	NL
<i>Vireo griseus</i>	White-eyed vireo		✓	NL	NL
<i>Vireo olivaceus</i>	Red-eyed vireo		✓	NL	NL
<i>Vireo philadelphicus</i>	Philadelphia vireo		✓	NL	NL
<i>Vireo solitarius</i>	Blue-headed vireo		✓	NL	NL
<i>Zonotrichia albicollis</i>	White-throated sparrow		✓	NL	NL
<i>Zonotrichia leucophrys</i>	White-crowned sparrow		✓	NL	NL

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*Abbreviation Notes*

*CF*   *Carrying Food*  
*E*   *Endangered Species*  
*FY*   *Recently Fledged Young*  
*NL*   *Not Listed Species*  
*SC*   *Special Concern Species*  
*T*   *Threatened Species*