

Appendix E: Natural Resources

**Vegetation Identified within the Project Site
and Study Area**

Common name	Scientific name	Stratum
Box elder	<i>Acer negundo</i>	Tree
Japanese maple	<i>Acer palmatum</i>	Shrub
Norway maple	<i>Acer platanoides</i>	Tree
Red maple	<i>Acer rubrum</i>	Tree
Silver maple	<i>Acer saccharinum</i>	Tree
Horse chestnut	<i>Aesculus hippocastanum</i>	Tree
White snakeroot	<i>Ageratina altissima</i>	Herb
Tree of heaven	<i>Ailanthus altissima</i>	Tree
Silk tree	<i>Albizia julibrissin</i>	Shrub
Garlic mustard	<i>Alliaria petiolata</i>	Herb
Wild onion	<i>Allium</i> sp	Herb
Foxtail grass	<i>Alopecurus</i> sp	Herb
Porcelainberry	<i>Ampelopsis brevipedunculata</i>	Vine
Burdock	<i>Arctium tomentosum</i>	Herb
Mugwort	<i>Artemisia vulgaris</i>	Herb
White wood aster	<i>Aster divaricatus</i>	Herb
Calico aster	<i>Aster lateriflorus</i>	Herb
Barberry	<i>Berberis</i> sp	Shrub
Paper birch	<i>Betula papyrifera</i>	Tree
Grey birch	<i>Betula populifolia</i>	Tree
Hedge bindweed	<i>Calystegia sepium</i>	Herb
Bitternut hickory	<i>Carya cordiformis</i>	Tree
Southern catalpa	<i>Catalpa bignonioides</i>	Tree
Asiatic bittersweet	<i>Celastrus orbiculatus</i>	Vine
Hackberry	<i>Celtis occidentalis</i>	Tree
Spotted knapweed	<i>Centaurea maculosa</i>	Herb
Lamb's quarters	<i>Chenopodium album</i>	Herb
Tall thistle	<i>Cirsium altissimum</i>	Herb
Virgin's bower	<i>Clematis virginiana</i>	Herb
Asiatic dayflower	<i>Commelina communis</i>	Herb
Flowering dogwood	<i>Cornus florida</i>	Tree
Hawthorn	<i>Crataegus</i> sp	Shrub
Hayscented fern	<i>Dennstaedtia punctilobula</i>	Herb
Crabgrass	<i>Digitaria</i> sp	Herb
Winged euonymus	<i>Euonymus alatus</i>	Shrub
Winter creeper	<i>Euonymus fortunei</i>	Shrub
Forsythia	<i>Forsythia suspensa</i>	Shrub

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Ginkgo	<i>Gingko biloba</i>	Tree
Honey locust	<i>Gleditsia triacanthos</i>	Tree
English ivy	<i>Hedera helix</i>	Herb
Rose of Sharon	<i>Hibiscus syriacus</i>	Shrub
Black walnut	<i>Juglans nigra</i>	Tree
Privet	<i>Ligustrum sp</i>	Shrub
Sweetgum	<i>Liquidambar styraciflua</i>	Tree
Tulip tree	<i>Liriodendron tulipifera</i>	Tree
Japanese honeysuckle	<i>Lonicera japonica</i>	Herb
Purple loosestrife	<i>Lythrum salicaria</i>	Herb
Magnolia	<i>Magnolia acuminata</i>	Tree
Crabapple	<i>Malus sp</i>	Tree
Japanese stiltgrass	<i>Microstegium vimineum</i>	Herb
White mulberry	<i>Morus alba</i>	Tree
Common yellow woodsorrel	<i>Oxalis stricta</i>	Herb
Princess tree	<i>Palownia tomentosa</i>	Tree
Virginia creeper	<i>Parthenocissus quinquefolia</i>	Vine
Mile-a-minute weed	<i>Persicaria perfoliata</i>	Herb
Virginia jumpseed	<i>Persicaria virginiana</i>	Herb
Pokeweed	<i>Phytolacca americana</i>	Herb
Norway spruce	<i>Picea abies</i>	Tree
Black pine	<i>Pinus nigra</i>	Tree
Red pine	<i>Pinus resinosa</i>	Tree
White pine	<i>Pinus strobus</i>	Tree
English plantain	<i>Plantago lanceolata</i>	Herb
Common plaitain	<i>Plantago major</i>	Herb
London plane tree	<i>Platanus acerfolia</i>	Tree
Bluegrass	<i>Poa sp</i>	Herb
Japanese knotweed	<i>Polygonum cuspidatum</i>	Herb
Lady's thumb	<i>Polygonum persicaria</i>	Herb
Black cherry	<i>Prunus serotina</i>	Tree
Cherry	<i>Prunus sp</i>	Tree
Callery pear	<i>Pyrus calleryana</i>	Tree
White oak	<i>Quercus alba</i>	Tree
Pin oak	<i>Quercus palustris</i>	Tree
Chestnut oak	<i>Quercus prinus</i>	Tree
Red oak	<i>Quercus rubra</i>	Tree
Black oak	<i>Quercus velutina</i>	Tree

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Jetbead	<i>Rhodotypos scandens</i>	Shrub
Staghorn sumac	<i>Rhus typhina</i>	Shrub
Black locust	<i>Robinia pseudoacacia</i>	Tree
Multiflora rose	<i>Rosa multiflora</i>	Shrub
Wineberry	<i>Rubus phoenicolasius</i>	Shrub
Curly dock	<i>Rumex crispus</i>	Herb
Bitter dock	<i>Rumex obtusifolius</i>	Herb
Weeping willow	<i>Salix babylonica</i>	Tree
Sassafras	<i>Sassafras albidum</i>	Tree
Horse nettle	<i>Solanum carolinense</i>	Herb
Bittersweet nightshade	<i>Solanum dulcamara</i>	Herb
Goldenrod	<i>Solidago</i> sp	Herb
Chickweed	<i>Stellaria media</i>	Herb
Lilac	<i>Syringa vulgaris</i>	Shrub
Dandelion	<i>Taraxacum officinale</i>	Herb
Yew	<i>Taxus</i> sp	Shrub
Arbor vitae	<i>Thuja plicata</i>	Tree
Little leaf linden	<i>Tilia cordata</i>	Tree
Poison ivy	<i>Toxicodendron radicans</i>	Herb
Red clover	<i>Trifolium pratense</i>	Herb
White clover	<i>Trifolium repens</i>	Herb
Eastern hemlock	<i>Tsuga canadensis</i>	Tree
Slippery elm	<i>Ulmus rubra</i>	Tree
Common mullein	<i>Verbascum thapsus</i>	Herb
Arrowwood virburnum	<i>Virburnum dentatum</i>	Shrub
Grape	<i>Vitis</i> sp	Vine
Wisteria	<i>Wisteria</i> sp	Vine
Japanese zelkova	<i>Zelkova serrata</i>	Tree
Sources: Reconnaissance investigations on October 13, 2014 and October 22, 2015.		

**Birds Documented During the 2000-2005 New York
State Breeding Bird Atlas in Blocks 5854B and 5954A**

Common Name	Scientific Name
Red-winged Blackbird	<i>Agelaius phoeniceus</i>
Mallard	<i>Anas platyrhynchos</i>
Great Blue Heron	<i>Ardea herodias</i>
Tufted Titmouse	<i>Baeolophus bicolor</i>
Cedar Waxwing	<i>Bombycilla cedrorum</i>
Canada Goose	<i>Branta canadensis</i>
Red-tailed Hawk	<i>Buteo jamaicensis</i>
Green Heron	<i>Butorides virescens</i>
Northern Cardinal	<i>Cardinalis cardinalis</i>
House Finch	<i>Carpodacus mexicanus</i>
Purple Finch	<i>Carpodacus purpureus</i>
Turkey Vulture	<i>Cathartes aura</i>
Veery	<i>Catharus fuscescens</i>
Chimney Swift	<i>Chaetura pelagica</i>
Killdeer	<i>Charadrius vociferus</i>
Northern Flicker	<i>Colaptes auratus</i>
Rock Pigeon	<i>Columba livia</i>
Eastern Wood-Pewee	<i>Contopus virens</i>
American Crow	<i>Corvus brachyrhynchos</i>
Fish Crow	<i>Corvus ossifragus</i>
Blue Jay	<i>Cyanocitta cristata</i>
Mute Swan	<i>Cygnus olor</i>
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>
Prairie Warbler	<i>Dendroica discolor</i>
Yellow Warbler	<i>Dendroica petechia</i>
Pine Warbler	<i>Dendroica pinus</i>
Black-throated Green Warbler	<i>Dendroica virens</i>
Pileated Woodpecker	<i>Dryocopus pileatus</i>
Gray Catbird	<i>Dumetella carolinensis</i>
Willow Flycatcher	<i>Empidonax traillii</i>
Peregrine Falcon	<i>Falco peregrinus</i>
Common Yellowthroat	<i>Geothlypis trichas</i>
Worm-eating Warbler	<i>Helmitheros vermivorum</i>
Barn Swallow	<i>Hirundo rustica</i>
Wood Thrush	<i>Hylocichla mustelina</i>
Baltimore Oriole	<i>Icterus galbula</i>
Orchard Oriole	<i>Icterus spurius</i>

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Dark-eyed Junco	<i>Junco hyemalis</i>
Belted Kingfisher	<i>Megaceryle alcyon</i>
Eastern Screech-Owl	<i>Megascops asio</i>
Red-bellied Woodpecker	<i>Melanerpes carolinus</i>
Wild Turkey	<i>Meleagris gallopavo</i>
Swamp Sparrow	<i>Melospiza georgiana</i>
Song Sparrow	<i>Melospiza melodia</i>
Northern Mockingbird	<i>Mimus polyglottos</i>
Black-and-white Warbler	<i>Mniotilta varia</i>
Brown-headed Cowbird	<i>Molothrus ater</i>
Great Crested Flycatcher	<i>Myiarchus crinitus</i>
Black-crowned Night-Heron	<i>Nycticorax nycticorax</i>
Kentucky Warbler	<i>Oporornis formosus</i>
Osprey	<i>Pandion haliaetus</i>
House Sparrow	<i>Passer domesticus</i>
Indigo Bunting	<i>Passerina cyanea</i>
Double-crested Cormorant	<i>Phalacrocorax auritus</i>
Ring-necked Pheasant	<i>Phasianus colchicus</i>
Rose-breasted Grosbeak	<i>Pheucticus ludovicianus</i>
Downy Woodpecker	<i>Picoides pubescens</i>
Hairy Woodpecker	<i>Picoides villosus</i>
Eastern Towhee	<i>Pipilo erythrophthalmus</i>
Scarlet Tanager	<i>Piranga olivacea</i>
Black-capped Chickadee	<i>Poecile atricapillus</i>
Common Grackle	<i>Quiscalus quiscula</i>
Bank Swallow	<i>Riparia riparia</i>
Eastern Phoebe	<i>Sayornis phoebe</i>
American Woodcock	<i>Scolopax minor</i>
Ovenbird	<i>Seiurus aurocapilla</i>
Louisiana Waterthrush	<i>Seiurus motacilla</i>
Northern Waterthrush	<i>Seiurus noveboracensis</i>
American Redstart	<i>Setophaga ruticilla</i>
Eastern Bluebird	<i>Sialia sialis</i>
White-breasted Nuthatch	<i>Sitta carolinensis</i>
American Goldfinch	<i>Spinus tristis</i>
Chipping Sparrow	<i>Spizella passerina</i>
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>
European Starling	<i>Sturnus vulgaris</i>

**Birds Documented During the 2000-2005 New York
State Breeding Bird Atlas in Blocks 5854B and 5954A**

Tree Swallow	<i>Tachycineta bicolor</i>
Carolina Wren	<i>Thryothorus ludovicianus</i>
Brown Thrasher	<i>Toxostoma rufum</i>
House Wren	<i>Troglodytes aedon</i>
American Robin	<i>Turdus migratorius</i>
Eastern Kingbird	<i>Tyrannus tyrannus</i>
Blue-winged Warbler	<i>Vermivora pinus</i>
Yellow-throated Vireo	<i>Vireo flavifrons</i>
Warbling Vireo	<i>Vireo gilvus</i>
White-eyed Vireo	<i>Vireo griseus</i>
Red-eyed Vireo	<i>Vireo olivaceus</i>
Canada Warbler	<i>Wilsonia canadensis</i>
Hooded Warbler	<i>Wilsonia citrina</i>
Mourning Dove	<i>Zenaida macroura</i>
White-throated Sparrow	<i>Zonotrichia albicollis</i>
Notes: Boldface indicates the subset of species considered to have the potential to nest within the study area.	
Sources: 2000-2005 New York State Breeding Bird Atlas	

**Reptiles and Amphibians Documented by the NYSDEC
Herp Atlas Project in the White Plains and Nyack
Census Quadrangles**

Common Name	Scientific Name
Spotted salamander	<i>Ambystoma maculatum</i>
Marbled salamander	<i>Ambystoma opacum</i>
Eastern American toad	<i>Bufo americanus</i>
Fowler's toad	<i>Bufo fowleri</i>
Common snapping turtle	<i>Chelydra serpentina</i>
Painted turtle	<i>Chrysemys picta</i>
Spotted turtle	<i>Clemmys guttata</i>
Northern black racer	<i>Coluber constrictor</i>
Northern ringneck snake	<i>Diadophis punctatus</i>
Northern two-lined salamander	<i>Eurycea bislineata</i>
Gray treefrog	<i>Hyla versicolor</i>
Northern diamondback terrapin	<i>Malaclemys terrapin</i>
Northern water snake	<i>Nerodia sipedon</i>
Red-spotted newt	<i>Notophthalmus viridescens</i>
Northern redback salamander	<i>Plethodon cinereus</i>
Northern slimy salamander	<i>Plethodon glutinosus</i>
Northern spring peeper	<i>Pseudacris crucifer</i>
Bullfrog	<i>Rana catesbeiana</i>
Green frog	<i>Rana clamitans</i>
Southern leopard frog	<i>Rana sphenoccephala</i>
Wood frog	<i>Rana sylvatica</i>
Common musk turtle	<i>Sternotherus odoratus</i>
Northern brown snake	<i>Storeria dekayi</i>
Eastern box turtle	<i>Terrapene carolina</i>
Common garter snake	<i>Thamnophis sirtalis</i>
Notes: Boldface indicates the subset of species considered to have the potential to occur within the study area.	
Sources: NYSDEC Herp Atlas Project	