

Appendix F
NATURAL RESOURCE INVENTORIES

Appendix F.1

List of Observed Site Vegetation
November, 2019 — September, 2021

**List of vegetation observed in November, 2019 - September, 2021 across the
Brewster Yards parcels.**

Common Name¹	Scientific Name
Common threeseed mercury	<i>Acalypha rhomboidea</i>
Red maple	<i>Acer rubrum</i>
Sugar maple	<i>Acer saccharum</i>
White snakeroot	<i>Ageratina altissima</i>
Tall hairy agrimony	<i>Agrimonia gryposepala</i>
Water plantain	<i>Alisma triviale</i>
Garlic mustard	<i>Alliaria petiolata</i>
Wild leek	<i>Allium tricoccum</i>
Sweet vernalgrass	<i>Anthoxanthum odoratum</i>
Wild columbine	<i>Aquilegia canadensis</i>
Lesser burdock	<i>Arctium minus</i>
Jack in the Pulpit	<i>Arisaema triphyllum</i>
Common wormwood	<i>Artemisia vulgaris</i>
Garden yellowrocket	<i>Barbarea vulgaris</i>
Japanese barberry	<i>Berberis thunbergii</i>
Yellow birch	<i>Betula alleghaniensis</i>
Sweet birch	<i>Betula lenta</i>
Nodding beggarticks	<i>Bidens cernua</i>
Narrowleaf bittercress	<i>Cardamine impatiens</i>
Pennsylvania bittercress	<i>Cardamine pensylvanica</i>
Greater bladder sedge	<i>Carex intumescens</i>
Pennsylvania sedge	<i>Carex pensylvanica</i>
Broad-leaved Sedge	<i>Carex platyphylla</i>
Tussock sedge	<i>Carex stricta</i>
American hornbeam	<i>Carpinus caroliniana</i>
Pignut hickory	<i>Carya glabra</i>
Shagbark hickory	<i>Carya ovata</i>
Hickory	<i>Carya spp.</i>
Oriental bittersweet	<i>Celastrus orbiculatus</i>
Celandine	<i>Chelidonium majus</i>
Spotted wintergreen	<i>Chimaphila maculata</i>
Enchanter's nightshade	<i>Circaea lutetiana</i>

¹ Common names comply with USDA Plants database nomenclature

Common Name¹	Scientific Name
Horseweed	<i>Conyza canadensis</i>
Dogwoods	<i>Cornus spp.</i>
Hawthorn	<i>Crataegus spp.</i>
Deer-tongue grass	<i>Dichanthelium clandestinum</i>
Crested woodfern	<i>Dryopteris cristata</i>
Evergreen wood fern	<i>Dryopteris intermedia</i>
Marginal woodfern	<i>Dryopteris marginalis</i>
Autumn olive	<i>Elaeagnus umbellata</i>
Beech-drops	<i>Epifagus virginiana</i>
Willowherb	<i>Epilobium spp.</i>
Helleborine	<i>Epipactis helleborine</i>
Field horsetail	<i>Equisetum arvense</i>
Pilewort	<i>Erechtites hieraciifolia</i>
Eastern daisy fleabane	<i>Erigeron annuus</i>
Winged euonymus	<i>Euonymus alata</i>
White wood aster	<i>Eurybia divaricata</i>
American beech	<i>Fagus grandifolia</i>
Green ash	<i>Fraxinus pennsylvanica</i>
Ash	<i>Fraxinus spp.</i>
Catchweed bedstraw	<i>Galium aparine</i>
Licorice bedstraw	<i>Galium circaezans</i>
Great hedge bedstraw	<i>Galium mollugo</i>
Bedstraw	<i>Galium spp.</i>
Spotted geranium	<i>Geranium maculatum</i>
Robert geranium	<i>Geranium robertianum</i>
White avens	<i>Geum canadense</i>
Virginia stickseed	<i>Hackelia virginiana</i>
Witchhazel	<i>Hamamelis virginiana</i>
Winterberry	<i>Ilex verticillata</i>
Jewelweed	<i>Impatiens capensis</i>
Harlequin blue flag	<i>Iris versicolor</i>
Path rush	<i>Juncus tenuis</i>
Eastern red cedar	<i>Juniperus virginiana</i>
Duckweed	<i>Lemna spp.</i>
Privet	<i>Ligustrum spp.</i>
Butter-and-eggs	<i>Linaria vulgaris</i>
Spicebush	<i>Lindera benzoin</i>
Tulip poplar	<i>Liriodendron tulipifera</i>

Common Name¹	Scientific Name
Indian tobacco	<i>Lobelia inflata</i>
Japanese honeysuckle	<i>Lonicera japonica</i>
Bush honeysuckle	<i>Lonicera spp.</i>
Northern bugleweed	<i>Lycopus uniflorus</i>
Moneywort loosestrife	<i>Lysimachia nummularia</i>
Canada mayflower	<i>Maianthemum canadense</i>
Nepalese browntop (Japanese stilt grass)	<i>Microstegium vimineum</i>
Partridgeberry	<i>Mitchella repens</i>
Indian pipe	<i>Monotropa uniflora</i>
Giant chickweed	<i>Myosoton aquaticum</i>
Common evening primrose	<i>Oenothera biennis</i>
Sensitive fern	<i>Onoclea sensibilis</i>
Interrupted fern	<i>Osmunda claytoniana</i>
Cinnamon fern	<i>Osmundastrum cinnamomeum</i>
Common yellow oxalis	<i>Oxalis stricta</i>
Asiatic tearthumb	<i>Persicaria perfoliata</i>
Common reed	<i>Phragmites australis</i>
Pokeweed	<i>Phytolacca americana</i>
Clearweed	<i>Pilea pumila</i>
Sycamore	<i>Platanus occidentalis</i>
Oriental lady's thumb	<i>Polygonum cespitosum</i>
Jumpseed	<i>Polygonum virginianum</i>
Rock polypody	<i>Polypodium virginianum</i>
Christmas fern	<i>Polystichum acrostichoides</i>
Eastern cottonwood	<i>Populus deltoides</i>
Big tooth aspen	<i>Populus grandidentata</i>
Common cinquefoil	<i>Potentilla simplex</i>
Selfheal	<i>Prunella vulgaris</i>
Black cherry	<i>Prunus serotina</i>
Waxflower shinleaf	<i>Pyrola elliptica</i>
White oak	<i>Quercus alba</i>
Pin oak	<i>Quercus palustris</i>
Chestnut oak	<i>Quercus prinus</i>
Red oak	<i>Quercus rubra</i>
Black oak	<i>Quercus velutina</i>
Tall buttercup	<i>Ranunculus acris</i>
Creeping buttercup	<i>Ranunculus repens</i>
Multiflora rose	<i>Rosa multiflora</i>

Common Name¹	Scientific Name
Swamp rose	<i>Rosa palustris</i>
Allegheny blackberry	<i>Rubus allegheniensis</i>
Bristly dewberry	<i>Rubus hispidus</i>
American red raspberry	<i>Rubus idaeus</i>
Brambles	<i>Rubus spp.</i>
Red sorrel	<i>Rumex acetosella</i>
Curly dock	<i>Rumex crispus</i>
Bitter dock	<i>Rumex obtusifolius</i>
American black elderberry	<i>Sambucus nigra</i>
Canada goldenrod	<i>Solidago canadensis</i>
Roughleaf goldenrod	<i>Solidago patula</i>
Wrinkleleaf goldenrod	<i>Solidago rugosa</i>
Spagnum moss	<i>Sphagnum spp.</i>
Calico aster	<i>Symphotrichum lateriflorum</i>
Hairy white oldfield aster	<i>Symphotrichum pilosum</i>
Skunk cabbage	<i>Symplocarpus foetidus</i>
Common dandelion	<i>Taraxacum officinale</i>
New York fern	<i>Thelypteris noveboracensis</i>
Eastern poison ivy	<i>Toxicodendron radicans</i>
Coltsfoot	<i>Tussilago farfara</i>
American elm	<i>Ulmus americana</i>
Stinging nettle	<i>Urtica dioica</i>
Lowbush blueberry	<i>Vaccinium angustifolium</i>
Highbush blueberry	<i>Vaccinium corymbosum</i>
Common gypsyweed	<i>Veronica officinalis</i>
Maple-leaved viburnum	<i>Viburnum acerifolium</i>
Southern arrowwood	<i>Viburnum dentatum</i>
Common blue violet	<i>Viola sororia</i>
Grape	<i>Vitis spp.</i>

Appendix F.2

List of Regional Mammalian Wildlife Species

Common mammalian wildlife species expected to be found within the vicinity of the Brewster Yards parcels.

COMMON NAME	SCIENTIFIC NAME
Northern short-tailed shrew	<i>Blarina brevicauda</i>
Coyote	<i>Canis latrans</i>
Beaver	<i>Castor canadensis</i>
Southern red-backed vole	<i>Clethrionomys gapperi</i>
Star-nosed mole	<i>Condylura cristata</i>
Least shrew	<i>Cryptotis parva</i>
Virginia opossum	<i>Didelphis virginiana</i>
Big brown bat	<i>Eptesicus fuscus</i>
Southern flying squirrel	<i>Glaucomys volans</i>
Silver-haired bat	<i>Lasionycteris noctivagans</i>
Red bat	<i>Lasiurus borealis</i>
Hoary bat	<i>Lasiurus cinereus</i>
Varying hare	<i>Lepus americanus</i>
European hare	<i>Lepus europaeus</i>
Bobcat	<i>Lynx rufus</i>
Woodchuck*	<i>Marmota monax</i>
Striped skunk	<i>Mephitis mephitis</i>
Rock vole	<i>Microtus chrotorrhinus</i>
Meadow vole	<i>Microtus pennsylvanicus</i>
Woodland vole	<i>Microtus pinetorum</i>
House mouse	<i>Mus musculus</i>
Ermine	<i>Mustela erminea</i>
Long-tailed weasel	<i>Mustela frenata</i>
Mink	<i>Mustela vison</i>
Small-footed bat	<i>Myotis leibii</i>
Little brown bat	<i>Myotis lucifugus</i>
Northern long-eared bat	<i>Myotis septentrionalis</i>
Indiana bat	<i>Myotis sodalis</i>
White-tailed deer*	<i>Odocoileus virginianus</i>
Muskrat	<i>Ondatra zibethicus</i>
White-footed mouse	<i>Peromyscus leucopus</i>
Deer mouse	<i>Peromyscus maniculatus</i>
Eastern pipistrelle	<i>Pipistrellus subflavus</i>
Raccoon	<i>Procyon lotor</i>

COMMON NAME	SCIENTIFIC NAME
Norway rat	<i>Rattus norvegicus</i>
Eastern mole	<i>Scalopus aquaticus</i>
Gray squirrel*	<i>Sciurus carolinensis</i>
Masked shrew	<i>Sorex cinereus</i>
Smoky shrew	<i>Sorex fumeus</i>
Water shrew	<i>Sorex palustris</i>
Eastern cottontail	<i>Sylvilagus floridanus</i>
New England cottontail	<i>Sylvilagus transitionalis</i>
Southern bog lemming	<i>Synaptomys cooperi</i>
Eastern chipmunk	<i>Tamias striatus</i>
Gray fox	<i>Urocyon cinereoargenteus</i>
Black bear	<i>Ursus americanus</i>
Gray fox	<i>Vulpes cinereoargenteus</i>
Red fox	<i>Vulpes vulpes</i>
Meadow jumping mouse	<i>Zapus hudsonius</i>
*Species that were observed by sight or scat during the field surveys from 2019-2021.	

Appendix F.3

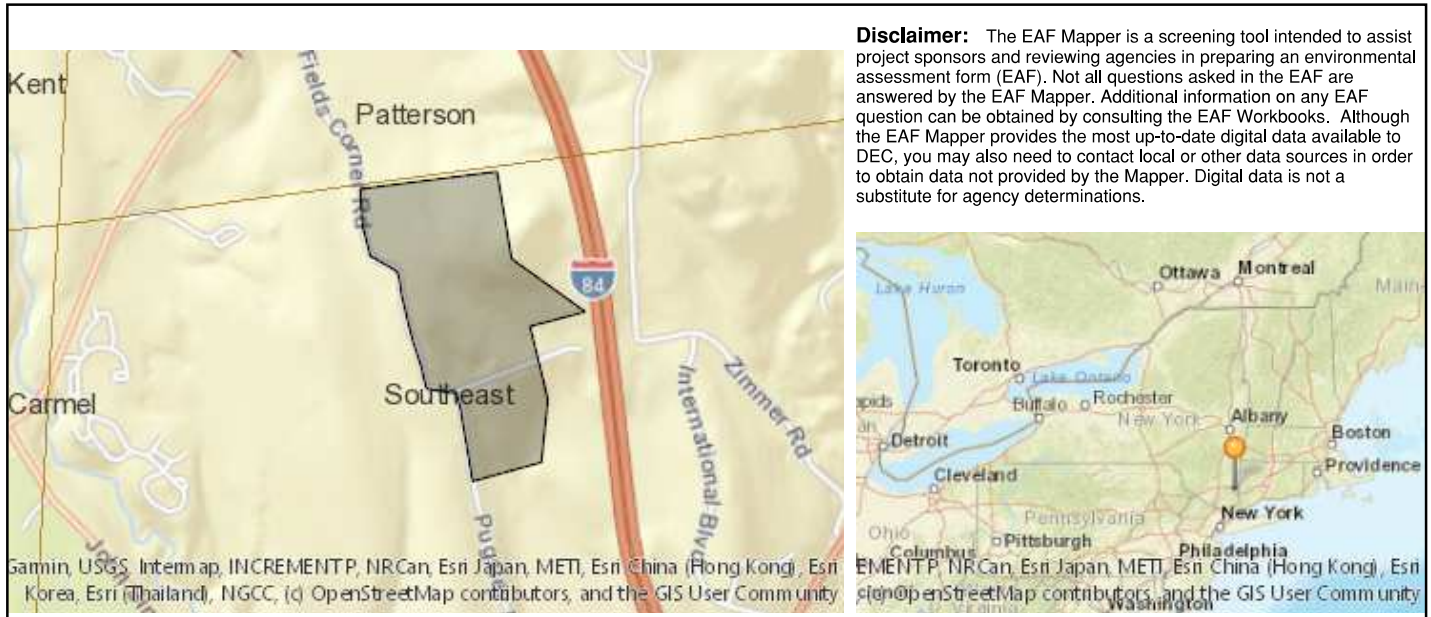
NYSDEC Breeding Bird Atlas Data

Bird Species Listed for Block 6058B in NYSDEC Breeding Bird Atlases.

COMMON NAME	SCIENTIFIC NAME
Cooper's Hawk	<i>Accipiter cooperii</i>
Red-winged Blackbird	<i>Agelaius phoeniceus</i>
Wood Duck	<i>Aix sponsa</i>
Mallard	<i>Anas platyrhynchos</i>
Mallard x Am. Black Duck Hybrid	<i>Anas platyrhynchos x A. rubripes</i>
American Black Duck	<i>Anas rubripes</i>
Ruby-throated Hummingbird	<i>Archilochus colubris</i>
Great Blue Heron	<i>Ardea herodias</i>
Tufted Titmouse	<i>Baeolophus bicolor</i>
Cedar Waxwing	<i>Bombycilla cedrorum</i>
Ruffed Grouse	<i>Bonasa umbellus</i>
Canada Goose	<i>Branta canadensis</i>
Great Horned Owl	<i>Bubo virginianus</i>
Red-tailed Hawk	<i>Buteo jamaicensis</i>
Broad-winged Hawk	<i>Buteo platypterus</i>
Green Heron	<i>Butorides virescens</i>
Whip-poor-will	<i>Caprimulgus vociferus</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>
Brown Creeper	<i>Certhia americana</i>
Chimney Swift	<i>Chaetura pelagica</i>
Killdeer	<i>Charadrius vociferus</i>
Yellow-billed Cuckoo	<i>Coccyzus americanus</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>
Prairie Warbler	<i>Dendroica discolor</i>
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>

COMMON NAME	SCIENTIFIC NAME
Yellow Warbler	<i>Dendroica petechia</i>
Black-throated Green Warbler	<i>Dendroica virens</i>
Bobolink	<i>Dolichonyx oryzivorus</i>
Pileated Woodpecker	<i>Dryocopus pileatus</i>
Gray Catbird	<i>Dumetella carolinensis</i>
Willow Flycatcher	<i>Empidonax traillii</i>
American Kestrel	<i>Falco sparverius</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>
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>
House Sparrow	<i>Passer domesticus</i>
Indigo Bunting	<i>Passerina cyanea</i>
Cliff Swallow	<i>Petrochelidon pyrrhonota</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>
Eastern Phoebe	<i>Sayornis phoebe</i>
American Woodcock	<i>Scolopax minor</i>
Ovenbird	<i>Seiurus aurocapilla</i>
Louisiana Waterthrush	<i>Seiurus motacilla</i>

COMMON NAME	SCIENTIFIC NAME
American Redstart	<i>Setophaga ruticilla</i>
Eastern Bluebird	<i>Sialia sialis</i>
White-breasted Nuthatch	<i>Sitta carolinensis</i>
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>
American Goldfinch	<i>Spinus tristis</i>
Chipping Sparrow	<i>Spizella passerina</i>
Field Sparrow	<i>Spizella pusilla</i>
Northern Rough-winged Swallow	<i>Stelgidopteryx serripennis</i>
Eastern Meadowlark	<i>Sturnella magna</i>
European Starling	<i>Sturnus vulgaris</i>
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>
Red-eyed Vireo	<i>Vireo olivaceus</i>
Mourning Dove	<i>Zenaida macroura</i>
*Species that were observed by NYSDEC observers, 1980-1985 and 2000-2005.	



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYC Watershed Boundary
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	864-194
E.2.h.iv [Surface Water Features - Stream Classification]	C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):85.9
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	LC-28

E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Northern Long-eared Bat
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No



Appendix F.5

Habitat Photographs

Brewster Yards

Photo locations

Legend

-  Brewster Yards site
-  Photograph number



Google Earth



Photo 1 – View, to southeast, of upland hardwood forest habitat.



Photo 2 – View, to southeast, of upland hardwood forest habitat.



Photo 3 – View, to east across Wetland B (NYSDEC Wetland LC-28), of palustrine red maple hardwood forest.



Photo 4 – View, to east across Wetland F (NYSDEC Wetland LC-28), of palustrine red maple hardwood forest.



Photo 5 – View, to south, of upper rocky headwater stream forming Wetland G.



Photo 6 – View, to southwest, of lower stretch of rocky headwater stream.



Photo 7 – View, to west, of small pond within Wetland A.



Photo 8 – View, to north, of small pond within Wetland C.



Photo 9 – View, to north, of small pond within Wetland D.



Photo 10 – View, to northeast, of Ridgetop Protection Area.